

# **Summary Statistics**

**Table 1. Crude Oil Prices**  
(Dollars per Barrel)

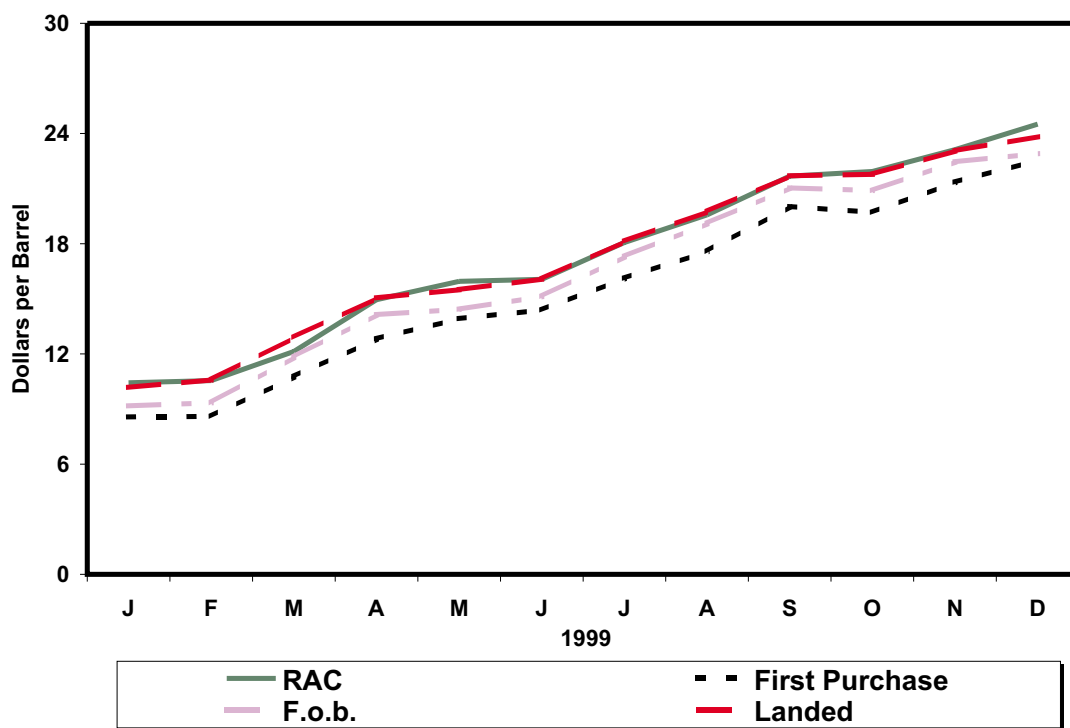
| Year<br>Month     | Domestic<br>First Purchase<br>Prices | Average F.O.B. <sup>a</sup><br>Cost of Crude<br>Oil Imports <sup>b</sup> | Average Landed<br>Cost of Crude<br>Oil Imports <sup>b</sup> | Refiner Acquisition Cost of Crude Oil |              |              |
|-------------------|--------------------------------------|--|---|---------------------------------------|--------------|--------------|
|                   |                                      |  |   | Domestic                              | Imported     | Composite    |
| 1978 .....        | 9.00                                 | 13.29  | 14.35   | 10.61                                 | 14.57        | 12.46        |
| 1979 .....        | 12.64                                | 20.07  | 21.45   | 14.27                                 | 21.67        | 17.72        |
| 1980 .....        | 21.59                                | 32.37  | 33.67   | 24.23                                 | 33.89        | 28.07        |
| 1981 .....        | 31.77                                | 35.15  | 36.47   | 34.33                                 | 37.05        | 35.24        |
| 1982 .....        | 28.52                                | 32.02  | 33.18   | 31.22                                 | 33.55        | 31.87        |
| 1983 .....        | 26.19                                | 27.81  | 28.93   | 28.87                                 | 29.30        | 28.99        |
| 1984 .....        | 25.88                                | 27.60  | 28.54   | 28.53                                 | 28.88        | 28.63        |
| 1985 .....        | 24.09                                | 25.84  | 26.67   | 26.66                                 | 26.99        | 26.75        |
| 1986 .....        | 12.51                                | 12.52  | 13.49   | 14.82                                 | 14.00        | 14.55        |
| 1987 .....        | 15.40                                | 16.69  | 17.65   | 17.76                                 | 18.13        | 17.90        |
| 1988 .....        | 12.58                                | 13.25  | 14.08   | 14.74                                 | 14.56        | 14.67        |
| 1989 .....        | 15.86                                | 16.89  | 17.68   | 17.87                                 | 18.08        | 17.97        |
| 1990 .....        | 20.03                                | 20.37  | 21.13   | 22.59                                 | 21.76        | 22.22        |
| 1991 .....        | 16.54                                | 16.89  | 18.02   | 19.33                                 | 18.70        | 19.06        |
| 1992 .....        | 15.99                                | 16.77  | 17.75   | 18.63                                 | 18.20        | 18.43        |
| 1993 .....        | 14.25                                | 14.71  | 15.72   | 16.67                                 | 16.14        | 16.41        |
| 1994 .....        | 13.19                                | 14.18  | 15.18   | 15.67                                 | 15.51        | 15.59        |
| 1995 .....        | 14.62                                | 15.69  | 16.78   | 17.33                                 | 17.14        | 17.23        |
| 1996 .....        | 18.46                                | 19.32  | 20.31   | 20.77                                 | 20.64        | 20.71        |
| <b>1997</b>       |                                      |  |   |                                       |              |              |
| January .....     | 21.76                                | 21.19  | 22.21   | 24.25                                 | 23.02        | 23.59        |
| February .....    | 19.38                                | 18.99  | 19.98   | 22.49                                 | 20.88        | 21.64        |
| March .....       | 17.83                                | 17.11  | 18.45   | 20.57                                 | 19.16        | 19.82        |
| April .....       | 16.63                                | 16.20  | 17.52   | 19.02                                 | 17.83        | 18.35        |
| May .....         | 17.23                                | 16.81  | 17.87   | 19.08                                 | 18.55        | 18.79        |
| June .....        | 15.88                                | 15.99  | 17.12   | 18.31                                 | 17.35        | 17.80        |
| July .....        | 15.89                                | 16.37  | 17.27   | 18.25                                 | 17.49        | 17.84        |
| August .....      | 16.19                                | 16.68  | 17.78   | 18.47                                 | 17.96        | 18.19        |
| September .....   | 16.41                                | 16.76  | 17.85   | 18.48                                 | 17.85        | 18.14        |
| October .....     | 17.66                                | 17.26  | 18.51   | 19.68                                 | 18.73        | 19.17        |
| November .....    | 16.83                                | 16.12  | 17.35   | 19.23                                 | 17.88        | 18.52        |
| December .....    | 15.04                                | 14.21  | 15.70   | 17.92                                 | 15.95        | 16.91        |
| <b>1997</b> ..... | <b>17.23</b>                         | <b>16.94</b>   | <b>18.11</b>  | <b>19.61</b>                          | <b>18.53</b> | <b>19.04</b> |
| <b>1998</b>       |                                      |  |   |                                       |              |              |
| January .....     | 13.45                                | 12.78  | 14.12   | 15.85                                 | 14.33        | 15.04        |
| February .....    | 12.17                                | 11.69  | 13.08   | 14.74                                 | 13.32        | 13.98        |
| March .....       | 11.15                                | 11.08  | 12.40   | 13.48                                 | 12.34        | 12.84        |
| April .....       | 11.28                                | 11.17  | 12.33   | 13.42                                 | 12.81        | 13.06        |
| May .....         | 11.13                                | 11.33  | 12.26   | 13.42                                 | 12.61        | 12.95        |
| June .....        | 10.00                                | 10.12  | 11.25   | 12.38                                 | 11.61        | 11.94        |
| July .....        | 10.44                                | 10.37  | 11.41   | 12.36                                 | 11.55        | 11.90        |
| August .....      | 10.20                                | 10.21  | 11.32   | 12.44                                 | 11.34        | 11.77        |
| September .....   | 11.29                                | 11.70  | 12.44   | 13.35                                 | 12.77        | 13.01        |
| October .....     | 11.32                                | 10.99  | 11.96   | 13.39                                 | 12.11        | 12.61        |
| November .....    | 9.64                                 | 9.37   | 10.47   | 12.47                                 | 10.99        | 11.56        |
| December .....    | 8.03                                 | 8.18   | 9.30  | 10.48                                 | 9.39         | 9.81         |
| <b>1998</b> ..... | <b>10.87</b>                         | <b>10.76</b>   | <b>11.84</b>  | <b>13.18</b>                          | <b>12.04</b> | <b>12.52</b> |
| <b>1999</b>       |                                      |  |   |                                       |              |              |
| January .....     | 8.57                                 | 9.17   | 10.18   | 10.89                                 | 10.16        | 10.43        |
| February .....    | 8.60                                 | 9.34   | 10.59   | 10.92                                 | 10.33        | 10.55        |
| March .....       | 10.76                                | 11.83  | 12.90   | 12.19                                 | 12.10        | 12.13        |
| April .....       | 12.82                                | 14.14  | 15.05   | 15.17                                 | 14.82        | 14.95        |
| May .....         | 13.92                                | 14.43  | 15.50   | 16.55                                 | 15.57        | 15.95        |
| June .....        | 14.39                                | 15.13  | 16.08   | 16.30                                 | 15.91        | 16.06        |
| July .....        | 16.12                                | 17.30  | 18.13   | 18.10                                 | 18.05        | 18.07        |
| August .....      | 17.58                                | 19.10  | 19.75   | 19.57                                 | 19.56        | 19.57        |
| September .....   | 20.03                                | 21.04  | 21.70   | 21.75                                 | 21.64        | 21.68        |
| October .....     | 19.71                                | 20.89  | 21.78   | 22.40                                 | 21.62        | 21.93        |
| November .....    | 21.35                                | 22.46  | 23.06   | 23.08                                 | 23.14        | 23.12        |
| December .....    | 22.55                                | 22.91  | 23.83   | 24.73                                 | 24.35        | 24.51        |
| <b>1999</b> ..... | <b>15.56</b>                         | <b>16.47</b>   | <b>17.23</b>  | <b>17.90</b>                          | <b>17.26</b> | <b>17.51</b> |

<sup>a</sup> Free on Board. See Glossary.

<sup>b</sup> Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: Domestic first purchase prices -- See "Sources" from Table 21. Crude oil imports costs -- See "Sources" from Table 24. Refiner acquisition costs -- Energy Information Administration, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," January 1978 through June 1978; Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report," July 1978 through December 1980; Form EIA-14, "Refiners' Monthly Cost Report," January 1981 to present.

**Figure 1. Crude Oil Prices**



Sources: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

**Table 2. U.S. Refiner Prices of Petroleum Products to End Users**

(Cents per Gallon Excluding Taxes)

| Year<br>Month   | Motor<br>Gasoline | Aviation<br>Gasoline | Kerosene-<br>Type<br>Jet Fuel | Propane<br>(Consumer<br>Grade) | Kerosene | No. 1<br>Distillate | No. 2 Distillate        |                      |         | No. 4<br>Fuel <sup>a</sup> | Residual<br>Fuel Oil |
|-----------------|-------------------|----------------------|-------------------------------|--------------------------------|----------|---------------------|-------------------------|----------------------|---------|----------------------------|----------------------|
|                 |                   |                      |                               |                                |          |                     | No. 2<br>Diesel<br>Fuel | No. 2<br>Fuel<br>Oil | Average |                            |                      |
| 1978 .....      | 48.4              | 51.6                 | 38.7                          | 33.5                           | 42.1     | 41.0                | 37.7                    | 40.0                 | 39.6    | 31.1                       | 29.8                 |
| 1979 .....      | 71.3              | 68.9                 | 54.7                          | 35.7                           | 58.5     | 57.2                | 58.5                    | 51.6                 | 55.1    | 47.9                       | 43.6                 |
| 1980 .....      | 103.5             | 108.4                | 86.8                          | 48.2                           | 90.2     | 83.4                | 81.8                    | 78.8                 | 80.4    | 68.2                       | 60.7                 |
| 1981 .....      | 114.7             | 130.3                | 102.4                         | 56.5                           | 112.3    | 103.9               | 99.5                    | 91.4                 | 95.8    | 79.7                       | 75.6                 |
| 1982 .....      | 106.0             | 131.2                | 96.3                          | 59.2                           | 108.9    | 102.3               | 94.2                    | 90.5                 | 92.5    | 75.0                       | 67.6                 |
| 1983 .....      | 95.4              | 125.5                | 87.8                          | 70.9                           | 96.1     | 96.2                | 82.6                    | 91.6                 | 83.9    | 76.6                       | 65.1                 |
| 1984 .....      | 90.7              | 123.4                | 84.2                          | 73.7                           | 103.6    | 92.7                | 82.3                    | 91.6                 | 83.7    | 79.6                       | 68.7                 |
| 1985 .....      | 91.2              | 120.1                | 79.6                          | 71.7                           | 103.0    | 88.0                | 78.9                    | 84.9                 | 79.9    | 77.3                       | 61.0                 |
| 1986 .....      | 62.4              | 101.1                | 52.9                          | 74.5                           | 79.0     | 62.0                | 47.8                    | 56.0                 | 49.1    | 48.9                       | 34.3                 |
| 1987 .....      | 66.9              | 90.7                 | 54.3                          | 70.1                           | 77.0     | 60.4                | 55.1                    | 58.1                 | 55.6    | 51.3                       | 42.3                 |
| 1988 .....      | 67.3              | 89.1                 | 51.3                          | 71.4                           | 73.8     | 56.4                | 50.0                    | 54.4                 | 50.7    | 46.1                       | 33.4                 |
| 1989 .....      | 75.6              | 99.5                 | 59.2                          | 61.5                           | 70.9     | 66.1                | 58.5                    | 58.7                 | 58.5    | 51.2                       | 38.5                 |
| 1990 .....      | 88.3              | 112.0                | 76.6                          | 74.5                           | 92.3     | 81.9                | 72.5                    | 73.4                 | 72.6    | 62.2                       | 44.4                 |
| 1991 .....      | 79.7              | 104.7                | 65.2                          | 73.0                           | 83.8     | 74.0                | 64.8                    | 66.5                 | 65.0    | 58.0                       | 34.0                 |
| 1992 .....      | 78.7              | 102.7                | 61.0                          | 64.3                           | 78.8     | 66.6                | 61.9                    | 62.7                 | 62.0    | 52.6                       | 33.6                 |
| 1993 .....      | 75.9              | 99.0                 | 58.0                          | 67.3                           | 75.4     | 66.6                | 60.2                    | 60.2                 | 60.2    | 50.1                       | 33.7                 |
| 1994 .....      | 73.8              | 95.7                 | 53.4                          | 53.0                           | 66.0     | 64.0                | 55.4                    | 57.2                 | 55.6    | 50.1                       | 35.2                 |
| 1995 .....      | 76.5              | 100.5                | 54.0                          | 49.2                           | 58.9     | 62.0                | 56.0                    | 56.2                 | 56.0    | 50.5                       | 39.2                 |
| 1996 .....      | 84.7              | 111.6                | 65.1                          | 60.5                           | 74.0     | 72.6                | 68.1                    | 67.3                 | 68.0    | 60.3                       | 45.5                 |
| <b>1997</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 86.6              | 113.7                | 74.4                          | 86.1                           | 88.7     | 77.3                | 73.0                    | 75.1                 | 73.3    | 65.8                       | 49.5                 |
| February .....  | 85.9              | 114.9                | 71.7                          | 66.8                           | 84.8     | 76.0                | 71.1                    | 72.5                 | 71.3    | 59.6                       | 45.2                 |
| March .....     | 84.0              | 113.8                | 61.9                          | 57.3                           | NA       | 68.8                | 65.8                    | 66.4                 | 65.8    | 54.6                       | 40.3                 |
| April .....     | 83.9              | 114.7                | 60.2                          | 49.7                           | 69.8     | 66.3                | 64.8                    | 63.8                 | 64.7    | 55.9                       | 39.7                 |
| May .....       | 84.5              | 115.7                | 58.9                          | 46.5                           | 68.5     | 64.2                | 63.8                    | 62.9                 | 63.7    | 53.4                       | 40.3                 |
| June .....      | 83.3              | 114.6                | 57.6                          | 46.1                           | 64.5     | 62.8                | 60.8                    | 59.2                 | 60.6    | 52.8                       | 40.1                 |
| July .....      | 81.5              | NA                   | 56.7                          | 47.5                           | 63.1     | 58.6                | 59.4                    | 57.3                 | 59.1    | 50.3                       | 39.6                 |
| August .....    | 86.8              | 114.6                | 59.1                          | 50.5                           | 64.9     | 61.8                | 61.8                    | 59.0                 | 61.5    | 51.6                       | 40.7                 |
| September ..... | 87.2              | 115.6                | 58.2                          | 48.4                           | 63.4     | 61.1                | 60.7                    | 58.4                 | 60.4    | 51.1                       | 41.3                 |
| October .....   | 84.3              | 113.9                | 61.5                          | 52.3                           | 72.9     | 66.8                | 64.5                    | 63.2                 | 64.3    | 55.5                       | 43.9                 |
| November .....  | 81.6              | 113.0                | 61.2                          | 52.2                           | 77.9     | 70.1                | 65.2                    | 64.2                 | 65.0    | 58.2                       | 45.7                 |
| December .....  | 77.8              | 107.7                | 56.3                          | 51.8                           | 75.1     | 63.8                | 60.1                    | 59.7                 | 60.1    | 56.1                       | 40.2                 |
| 1997 .....      | 83.9              | 112.8                | 61.3                          | 55.2                           | 74.5     | 68.9                | 64.2                    | 63.6                 | 64.2    | 56.5                       | 42.3                 |
| <b>1998</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 73.2              | 104.3                | 52.3                          | 48.4                           | 71.8     | 58.5                | 54.9                    | 54.1                 | 54.8    | 50.9                       | 35.4                 |
| February .....  | 69.0              | 100.8                | 50.0                          | 44.7                           | 68.2     | 57.7                | 53.3                    | 53.8                 | 53.3    | 48.7                       | 32.7                 |
| March .....     | 65.5              | 98.4                 | 45.3                          | 43.8                           | 65.3     | 55.9                | 50.8                    | 53.8                 | 51.1    | 46.0                       | 28.6                 |
| April .....     | 67.7              | 99.3                 | 46.6                          | 41.5                           | 56.7     | 56.2                | 52.0                    | 53.0                 | 52.1    | 43.8                       | 31.8                 |
| May .....       | 71.4              | 101.1                | 46.7                          | 36.2                           | 56.0     | NA                  | 51.7                    | 48.3                 | 51.2    | 43.6                       | 31.9                 |
| June .....      | 70.7              | 99.1                 | 42.8                          | 34.1                           | 44.7     | NA                  | 48.4                    | 45.7                 | 48.0    | 40.8                       | 31.3                 |
| July .....      | 69.4              | 98.5                 | 43.4                          | 35.8                           | 47.4     | NA                  | 47.6                    | 44.6                 | 47.2    | 38.4                       | 31.5                 |
| August .....    | 66.7              | 95.9                 | 43.6                          | 33.5                           | 41.5     | NA                  | 46.3                    | 43.1                 | 45.8    | 36.2                       | 28.7                 |
| September ..... | 65.5              | 94.1                 | 44.9                          | 37.4                           | 46.2     | NA                  | 49.4                    | 47.2                 | 49.2    | 39.9                       | 27.6                 |
| October .....   | 66.4              | 95.1                 | 46.9                          | 40.7                           | 50.9     | 57.8                | 50.0                    | 47.9                 | 49.7    | 43.1                       | 29.7                 |
| November .....  | 63.7              | 93.3                 | 44.0                          | 42.3                           | 44.4     | 56.2                | 47.0                    | 46.7                 | 47.0    | 43.3                       | 30.5                 |
| December .....  | 59.7              | 88.7                 | 37.4                          | 36.2                           | 42.4     | 50.1                | 41.8                    | 43.6                 | 42.0    | 39.4                       | 26.8                 |
| 1998 .....      | 67.3              | 97.5                 | 45.2                          | 40.5                           | 50.1     | 55.1                | 49.4                    | 48.2                 | 49.2    | 42.8                       | 30.5                 |
| <b>1999</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 59.5              | 87.1                 | 38.0                          | 42.4                           | 51.5     | 48.6                | 42.1                    | 45.1                 | 42.5    | 39.4                       | 26.9                 |
| February .....  | 57.4              | 85.1                 | 36.5                          | 39.2                           | 49.9     | 49.8                | 40.9                    | 41.1                 | 40.9    | 38.6                       | 26.1                 |
| March .....     | 65.5              | 90.1                 | 39.6                          | 41.3                           | 53.6     | 53.0                | 46.6                    | 46.3                 | 46.5    | 40.2                       | 27.6                 |
| April .....     | 79.2              | 101.4                | 48.7                          | 45.5                           | 51.4     | 59.8                | 53.3                    | 50.9                 | 53.0    | 43.5                       | 31.4                 |
| May .....       | 78.5              | 104.2                | 47.2                          | 42.7                           | 53.7     | 56.5                | 52.9                    | 49.1                 | 52.5    | 43.1                       | 33.6                 |
| June .....      | 75.8              | 104.1                | 50.6                          | 39.0                           | 50.4     | 58.8                | 54.1                    | 48.6                 | 53.5    | 43.1                       | 35.1                 |
| July .....      | 80.3              | 107.9                | 54.9                          | 41.2                           | 60.4     | 62.1                | 58.8                    | 53.7                 | 58.1    | 46.3                       | 37.4                 |
| August .....    | 86.4              | 113.2                | 59.8                          | 43.1                           | 63.9     | 68.2                | 64.1                    | 59.0                 | 63.5    | 50.6                       | 43.9                 |
| September ..... | 88.8              | 115.4                | 64.2                          | 48.4                           | 70.4     | 74.9                | 67.6                    | 64.4                 | 67.3    | 54.4                       | 48.0                 |
| October .....   | 87.1              | 117.6                | 64.9                          | 55.0                           | 79.2     | 77.6                | 68.0                    | 66.0                 | 67.8    | 56.2                       | 49.4                 |
| November .....  | 88.1              | 116.4                | 68.2                          | 52.1                           | 84.8     | 81.7                | 71.9                    | 71.6                 | 71.9    | 57.8                       | 50.4                 |
| December .....  | 90.3              | 119.6                | 73.3                          | 57.7                           | 89.1     | 82.5                | 73.5                    | 73.9                 | 73.6    | 63.8                       | 51.9                 |
| 1999 .....      | 78.1              | 105.9                | 54.3                          | 45.8                           | 60.5     | 62.1                | 58.4                    | 55.8                 | 58.0    | 47.4                       | 37.4                 |

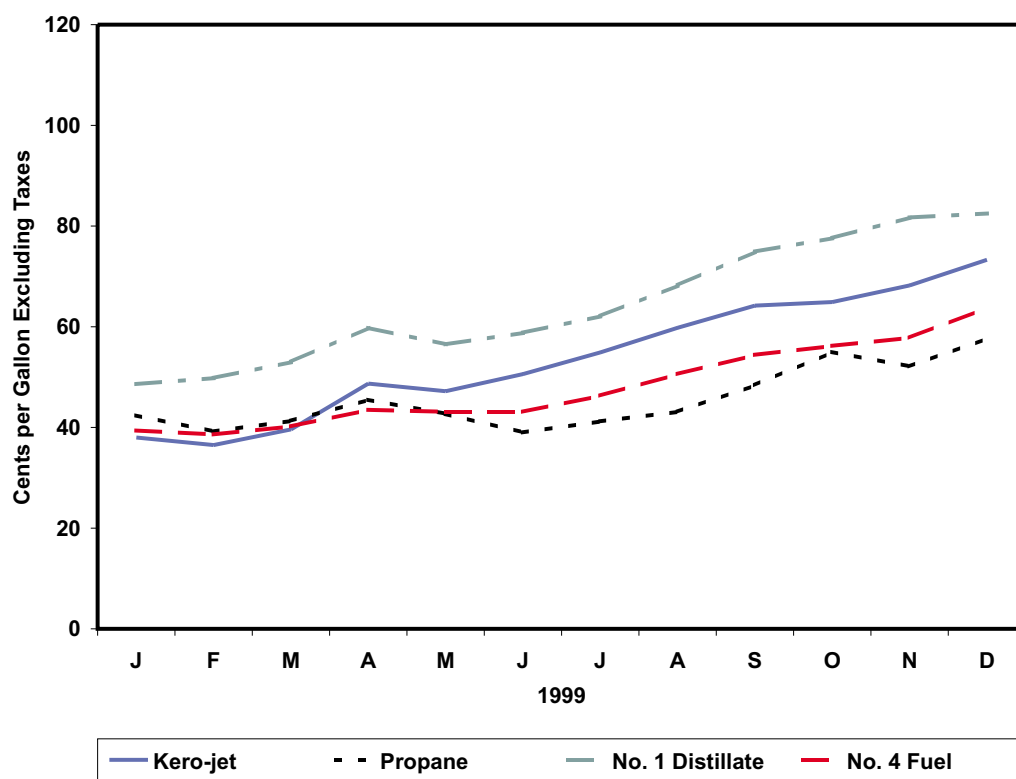
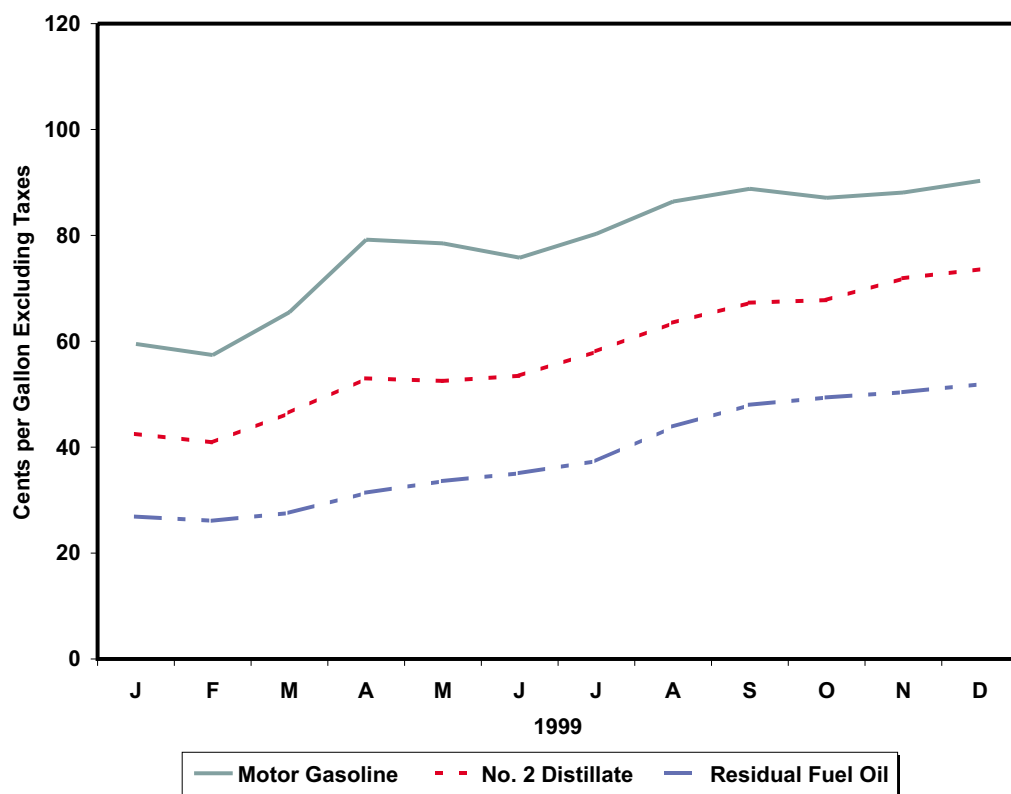
NA = Not available.

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 2. U.S. Refiner Retail Petroleum Product Prices**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 3. U.S. Refiner Volumes of Petroleum Products to End Users**

(Million Gallons per Day)

| Year<br>Month     | Motor<br>Gasoline | Aviation<br>Gasoline | Kerosene-<br>Type<br>Jet Fuel | Propane<br>(Consumer<br>Grade) | Kerosene   | No. 1<br>Distillate | No. 2 Distillate        |                      |             | No. 4<br>Fuel <sup>a</sup> | Residual<br>Fuel Oil |
|-------------------|-------------------|----------------------|-------------------------------|--------------------------------|------------|---------------------|-------------------------|----------------------|-------------|----------------------------|----------------------|
|                   |                   |                      |                               |                                |            |                     | No. 2<br>Diesel<br>Fuel | No. 2<br>Fuel<br>Oil | Total       |                            |                      |
| <b>1983</b> ..... | <b>51.1</b>       | <b>0.4</b>           | <b>30.8</b>                   | <b>3.1</b>                     | <b>0.2</b> | <b>0.5</b>          | <b>23.3</b>             | <b>3.7</b>           | <b>27.0</b> | <b>0.7</b>                 | <b>28.3</b>          |
| <b>1984</b> ..... | <b>57.6</b>       | <b>0.3</b>           | <b>32.9</b>                   | <b>3.3</b>                     | <b>0.3</b> | <b>0.5</b>          | <b>26.3</b>             | <b>4.9</b>           | <b>31.2</b> | <b>0.7</b>                 | <b>32.9</b>          |
| <b>1985</b> ..... | <b>57.5</b>       | <b>0.3</b>           | <b>34.6</b>                   | <b>3.7</b>                     | <b>0.3</b> | <b>0.5</b>          | <b>25.0</b>             | <b>5.0</b>           | <b>29.9</b> | <b>0.5</b>                 | <b>25.2</b>          |
| <b>1986</b> ..... | <b>61.2</b>       | <b>0.3</b>           | <b>35.1</b>                   | <b>3.4</b>                     | <b>0.3</b> | <b>0.4</b>          | <b>24.4</b>             | <b>4.4</b>           | <b>28.8</b> | <b>0.7</b>                 | <b>31.6</b>          |
| <b>1987</b> ..... | <b>61.0</b>       | <b>0.2</b>           | <b>36.8</b>                   | <b>3.8</b>                     | <b>0.3</b> | <b>0.4</b>          | <b>24.1</b>             | <b>4.5</b>           | <b>28.5</b> | <b>0.8</b>                 | <b>29.0</b>          |
| <b>1988</b> ..... | <b>61.0</b>       | <b>0.2</b>           | <b>38.2</b>                   | <b>4.3</b>                     | <b>0.3</b> | <b>0.4</b>          | <b>24.5</b>             | <b>4.6</b>           | <b>29.1</b> | <b>1.1</b>                 | <b>30.2</b>          |
| <b>1989</b> ..... | <b>61.2</b>       | <b>0.2</b>           | <b>40.1</b>                   | <b>2.8</b>                     | <b>0.3</b> | <b>0.5</b>          | <b>24.3</b>             | <b>4.5</b>           | <b>28.8</b> | <b>0.9</b>                 | <b>30.4</b>          |
| <b>1990</b> ..... | <b>60.3</b>       | <b>0.2</b>           | <b>39.9</b>                   | <b>2.7</b>                     | <b>0.2</b> | <b>0.5</b>          | <b>22.2</b>             | <b>3.6</b>           | <b>25.9</b> | <b>0.8</b>                 | <b>25.9</b>          |
| <b>1991</b> ..... | <b>61.2</b>       | <b>0.2</b>           | <b>38.5</b>                   | <b>3.1</b>                     | <b>0.2</b> | <b>0.5</b>          | <b>21.1</b>             | <b>3.2</b>           | <b>24.4</b> | <b>0.7</b>                 | <b>24.0</b>          |
| <b>1992</b> ..... | <b>59.0</b>       | <b>0.2</b>           | <b>39.8</b>                   | <b>3.8</b>                     | <b>0.2</b> | <b>0.5</b>          | <b>21.5</b>             | <b>3.1</b>           | <b>24.6</b> | <b>0.6</b>                 | <b>22.4</b>          |
| <b>1993</b> ..... | <b>57.2</b>       | <b>0.2</b>           | <b>41.7</b>                   | <b>3.5</b>                     | <b>0.2</b> | <b>0.4</b>          | <b>20.8</b>             | <b>2.9</b>           | <b>23.8</b> | <b>0.6</b>                 | <b>17.2</b>          |
| <b>1994</b> ..... | <b>55.0</b>       | <b>0.2</b>           | <b>45.2</b>                   | <b>2.2</b>                     | <b>0.4</b> | <b>0.4</b>          | <b>21.3</b>             | <b>3.4</b>           | <b>24.6</b> | <b>0.8</b>                 | <b>13.5</b>          |
| <b>1995</b> ..... | <b>55.9</b>       | <b>0.2</b>           | <b>45.7</b>                   | <b>3.2</b>                     | <b>0.6</b> | <b>0.3</b>          | <b>21.6</b>             | <b>3.3</b>           | <b>24.9</b> | <b>0.5</b>                 | <b>11.6</b>          |
| <b>1996</b> ..... | <b>57.5</b>       | <b>0.2</b>           | <b>48.7</b>                   | <b>3.1</b>                     | <b>0.4</b> | <b>0.3</b>          | <b>21.9</b>             | <b>3.1</b>           | <b>25.0</b> | <b>0.4</b>                 | <b>12.9</b>          |
| <b>1997</b> ..... | <b>61.1</b>       | <b>0.2</b>           | <b>49.7</b>                   | <b>3.2</b>                     | <b>0.3</b> | <b>0.4</b>          | <b>22.0</b>             | <b>3.0</b>           | <b>25.0</b> | <b>0.3</b>                 | <b>13.4</b>          |
| January .....     | 54.4              | 0.1                  | 46.0                          | 3.2                            | 0.5        | 0.8                 | 22.0                    | 3.8                  | 25.9        | 0.6                        | 13.8                 |
| February .....    | 57.3              | 0.1                  | 47.8                          | 3.7                            | 0.4        | 0.6                 | 22.3                    | 2.8                  | 25.1        | 0.4                        | 14.1                 |
| March .....       | 58.4              | 0.2                  | 48.2                          | 3.3                            | NA         | 0.3                 | 22.2                    | 2.6                  | 24.8        | 0.3                        | 13.6                 |
| April .....       | 58.9              | 0.2                  | 49.1                          | 3.4                            | 0.3        | 0.2                 | 23.6                    | 2.9                  | 26.5        | 0.2                        | 11.5                 |
| May .....         | 57.8              | 0.2                  | 49.8                          | 2.9                            | 0.2        | 0.2                 | 22.6                    | 2.7                  | 25.2        | 0.2                        | 10.7                 |
| June .....        | 59.8              | 0.2                  | 52.0                          | 2.3                            | 0.2        | 0.2                 | 21.6                    | 2.5                  | 24.1        | 0.2                        | 12.3                 |
| July .....        | 65.3              | NA                   | 51.7                          | 2.1                            | 0.1        | 0.2                 | 21.6                    | 3.0                  | 24.6        | 0.3                        | 13.5                 |
| August .....      | 64.8              | 0.2                  | 52.0                          | 2.3                            | 0.2        | 0.2                 | 20.9                    | 3.0                  | 23.9        | 0.2                        | 12.1                 |
| September .....   | 63.7              | 0.2                  | 51.3                          | 3.1                            | 0.3        | 0.2                 | 23.1                    | 2.9                  | 26.0        | 0.2                        | 12.6                 |
| October .....     | 64.4              | 0.2                  | 49.8                          | 3.5                            | 0.2        | 0.3                 | 23.1                    | 3.1                  | 26.2        | 0.3                        | 15.1                 |
| November .....    | 62.3              | 0.1                  | 48.9                          | 3.8                            | 0.3        | 0.4                 | 20.5                    | 3.1                  | 23.7        | 0.4                        | 14.4                 |
| December .....    | 66.0              | 0.1                  | 49.7                          | 4.4                            | 0.3        | 0.6                 | 20.9                    | 3.5                  | 24.4        | 0.4                        | 17.5                 |
| <b>1997</b> ..... | <b>61.1</b>       | <b>0.2</b>           | <b>49.7</b>                   | <b>3.2</b>                     | <b>0.3</b> | <b>0.4</b>          | <b>22.0</b>             | <b>3.0</b>           | <b>25.0</b> | <b>0.3</b>                 | <b>13.4</b>          |
| <b>1998</b> ..... | <b>63.3</b>       | <b>0.2</b>           | <b>48.9</b>                   | <b>3.1</b>                     | <b>0.4</b> | <b>0.4</b>          | <b>21.1</b>             | <b>3.2</b>           | <b>24.3</b> | <b>0.3</b>                 | <b>14.4</b>          |
| January .....     | 59.9              | 0.1                  | 47.2                          | 4.6                            | 0.3        | 0.7                 | 20.4                    | 3.4                  | 23.8        | 0.4                        | 15.5                 |
| February .....    | 62.4              | 0.1                  | 47.9                          | 4.9                            | 0.3        | 0.6                 | 21.1                    | 3.0                  | 24.1        | 0.4                        | 13.5                 |
| March .....       | 64.5              | 0.1                  | 47.7                          | 4.1                            | 0.3        | 0.4                 | 22.2                    | 2.6                  | 24.9        | 0.4                        | 15.5                 |
| April .....       | 59.0              | 0.2                  | 48.1                          | 3.0                            | 0.2        | 0.3                 | 20.3                    | 2.4                  | 22.7        | 0.3                        | 14.3                 |
| May .....         | 59.5              | 0.2                  | 48.9                          | 2.3                            | 0.1        | NA                  | 19.3                    | 3.4                  | 22.7        | 0.3                        | 13.0                 |
| June .....        | 60.8              | 0.2                  | 50.7                          | 2.2                            | 0.3        | NA                  | 21.3                    | 4.0                  | 25.3        | 0.3                        | 13.8                 |
| July .....        | 67.2              | 0.2                  | 51.5                          | 1.9                            | 0.3        | NA                  | 22.2                    | 3.4                  | 25.7        | 0.4                        | 16.5                 |
| August .....      | 66.8              | 0.2                  | 51.5                          | 2.4                            | 0.6        | NA                  | 21.3                    | 3.6                  | 24.9        | 0.4                        | 17.8                 |
| September .....   | 65.1              | 0.2                  | 48.0                          | 2.3                            | 0.4        | NA                  | 22.4                    | 3.1                  | 25.5        | 0.3                        | 13.0                 |
| October .....     | 65.1              | 0.2                  | 50.6                          | 2.7                            | 0.3        | 0.4                 | 22.2                    | 3.2                  | 25.4        | 0.2                        | 14.1                 |
| November .....    | 63.8              | 0.1                  | 44.3                          | 2.7                            | 0.7        | 0.5                 | 20.2                    | 3.1                  | 23.3        | 0.3                        | 11.8                 |
| December .....    | 65.4              | 0.1                  | 50.4                          | 4.4                            | 0.7        | 0.7                 | 20.5                    | 3.2                  | 23.7        | 0.4                        | 14.1                 |
| <b>1998</b> ..... | <b>63.3</b>       | <b>0.2</b>           | <b>48.9</b>                   | <b>3.1</b>                     | <b>0.4</b> | <b>0.4</b>          | <b>21.1</b>             | <b>3.2</b>           | <b>24.3</b> | <b>0.3</b>                 | <b>14.4</b>          |
| <b>1999</b> ..... | <b>62.0</b>       | <b>0.1</b>           | <b>47.0</b>                   | <b>3.6</b>                     | <b>0.2</b> | <b>0.3</b>          | <b>21.1</b>             | <b>3.0</b>           | <b>24.1</b> | <b>0.3</b>                 | <b>13.9</b>          |
| January .....     | 60.3              | 0.1                  | 40.1                          | 4.3                            | 0.6        | 0.6                 | 18.9                    | 3.4                  | 22.3        | 0.5                        | 18.7                 |
| February .....    | 62.8              | 0.1                  | 45.3                          | 4.5                            | 0.5        | 0.6                 | 20.5                    | 3.4                  | 24.0        | 0.5                        | 16.3                 |
| March .....       | 63.3              | 0.1                  | 45.1                          | 4.3                            | 0.3        | 0.4                 | 21.0                    | 3.2                  | 24.2        | 0.4                        | 15.6                 |
| April .....       | 63.7              | 0.2                  | 47.1                          | 3.6                            | 0.4        | 0.2                 | 20.9                    | 2.9                  | 23.8        | 0.2                        | 14.6                 |
| May .....         | 63.5              | 0.1                  | 48.5                          | 2.2                            | 0.1        | 0.1                 | 19.9                    | 2.5                  | 22.4        | 0.2                        | 13.9                 |
| June .....        | 64.5              | 0.2                  | 48.8                          | 2.1                            | 0.1        | 0.2                 | 20.8                    | 2.9                  | 23.7        | 0.3                        | 12.4                 |
| July .....        | 62.7              | 0.2                  | 49.4                          | 2.7                            | 0.1        | 0.1                 | 20.4                    | 3.0                  | 23.4        | 0.4                        | 13.7                 |
| August .....      | 61.4              | 0.2                  | 48.7                          | 4.9                            | 0.2        | 0.1                 | 21.6                    | 3.1                  | 24.6        | 0.3                        | 13.0                 |
| September .....   | 59.3              | 0.2                  | 48.2                          | 3.9                            | 0.2        | 0.2                 | 22.1                    | 2.8                  | 24.9        | 0.2                        | 11.9                 |
| October .....     | 60.4              | 0.1                  | 46.3                          | 2.9                            | 0.1        | 0.2                 | 22.5                    | 2.9                  | 25.4        | 0.2                        | 12.0                 |
| November .....    | 59.1              | 0.1                  | 47.6                          | 3.7                            | 0.2        | 0.3                 | 22.1                    | 3.0                  | 25.2        | 0.3                        | 11.8                 |
| December .....    | 62.7              | 0.1                  | 48.9                          | 4.1                            | 0.3        | 0.5                 | 22.3                    | 3.4                  | 25.7        | 0.4                        | 12.9                 |
| <b>1999</b> ..... | <b>62.0</b>       | <b>0.1</b>           | <b>47.0</b>                   | <b>3.6</b>                     | <b>0.2</b> | <b>0.3</b>          | <b>21.1</b>             | <b>3.0</b>           | <b>24.1</b> | <b>0.3</b>                 | <b>13.9</b>          |

NA = Not available.

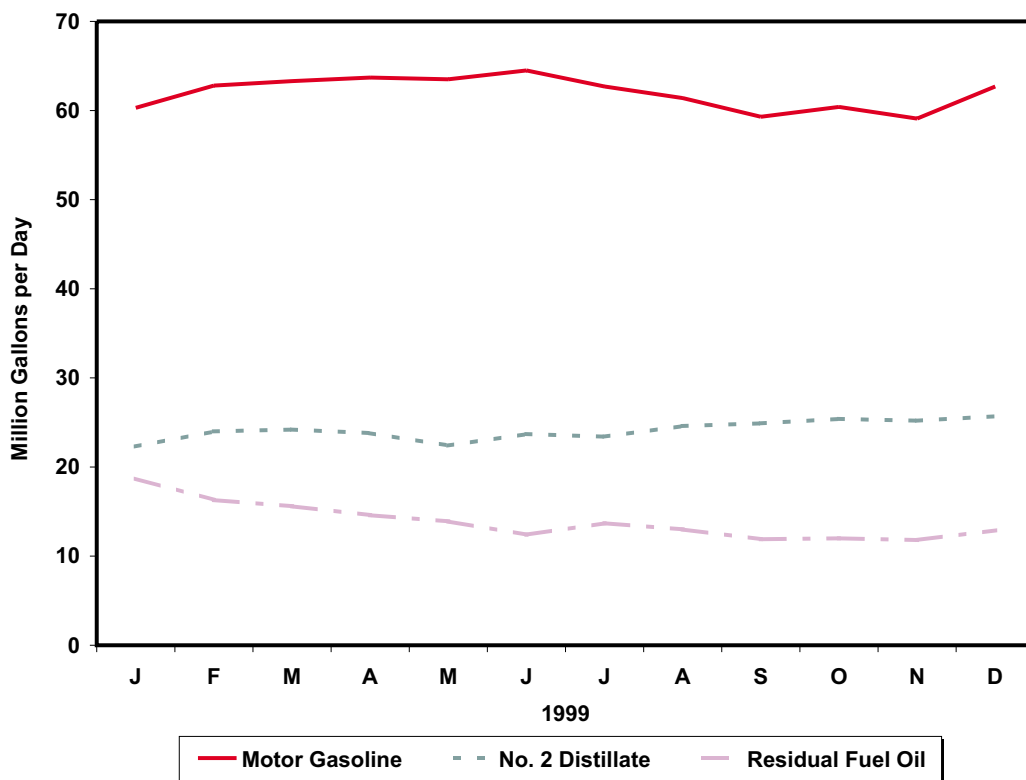
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

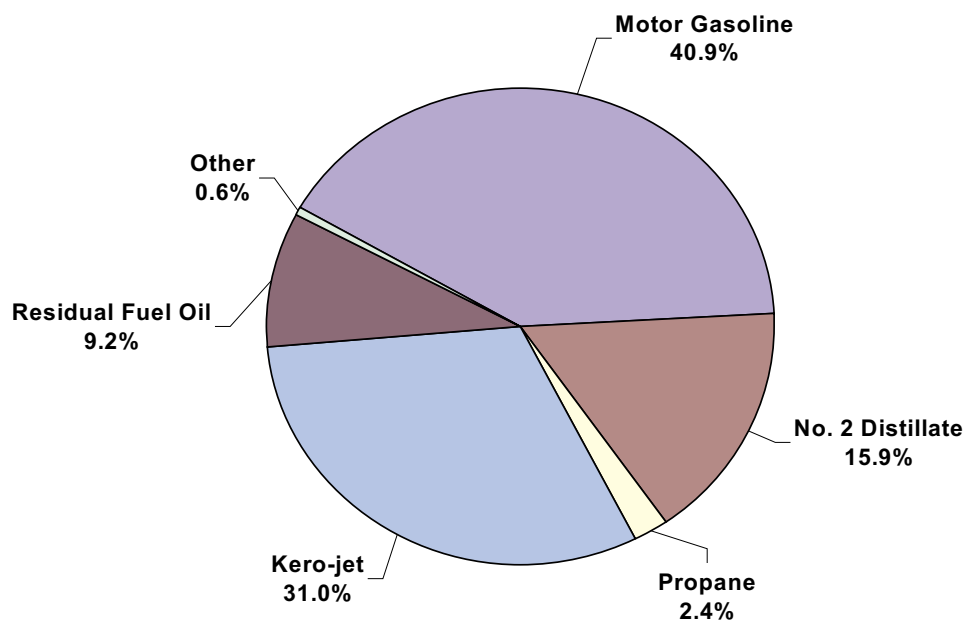
Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 3. U.S. Refiner Retail Petroleum Product Volumes**



**Percentages of Refiner Retail Volumes**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 4. U.S. Refiner Prices of Petroleum Products for Resale**  
(Cents per Gallon Excluding Taxes)

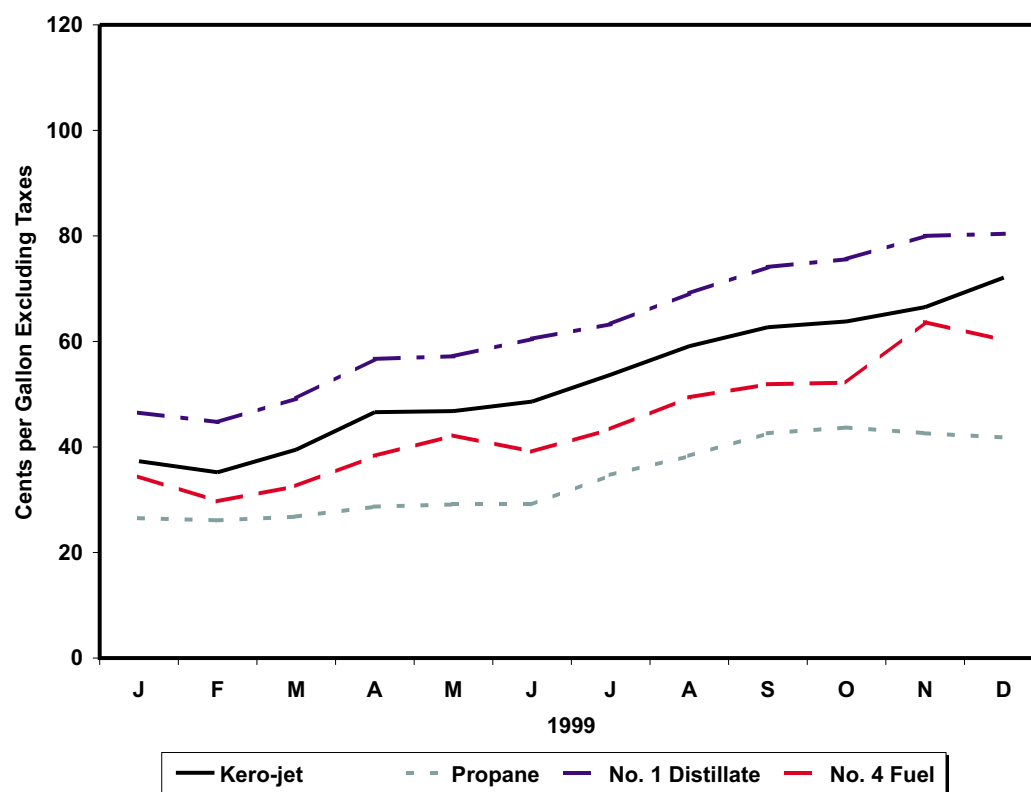
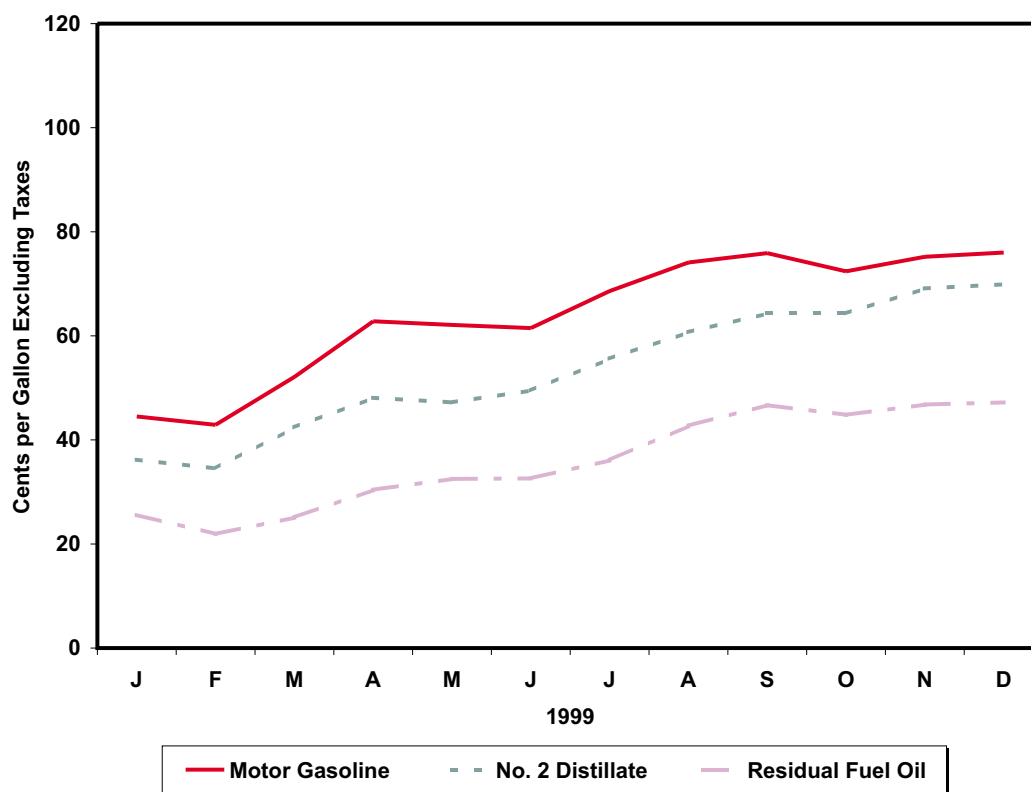
| Year<br>Month   | Motor<br>Gasoline | Aviation<br>Gasoline | Kerosene-<br>Type<br>Jet Fuel | Propane<br>(Consumer<br>Grade) | Kerosene | No. 1<br>Distillate | No. 2 Distillate        |                      |         | No. 4<br>Fuel <sup>a</sup> | Residual<br>Fuel Oil |
|-----------------|-------------------|----------------------|-------------------------------|--------------------------------|----------|---------------------|-------------------------|----------------------|---------|----------------------------|----------------------|
|                 |                   |                      |                               |                                |          |                     | No. 2<br>Diesel<br>Fuel | No. 2<br>Fuel<br>Oil | Average |                            |                      |
| 1978 .....      | 43.4              | 53.7                 | 38.6                          | 23.7                           | 40.4     | 40.6                | 36.5                    | 36.9                 | 36.7    | 30.5                       | 26.3                 |
| 1979 .....      | 63.7              | 72.1                 | 66.0                          | 29.1                           | 62.4     | 58.3                | 57.4                    | 56.9                 | 57.1    | 47.0                       | 39.9                 |
| 1980 .....      | 94.1              | 112.8                | 86.8                          | 41.5                           | 86.4     | 88.0                | 80.1                    | 80.3                 | 80.2    | 67.0                       | 52.8                 |
| 1981 .....      | 106.4             | 125.0                | 101.2                         | 46.6                           | 106.6    | 107.1               | 97.2                    | 97.6                 | 97.4    | 78.3                       | 66.3                 |
| 1982 .....      | 97.3              | 122.8                | 95.3                          | 42.7                           | 101.8    | 103.8               | 91.4                    | 91.4                 | 91.4    | 73.7                       | 61.2                 |
| 1983 .....      | 88.2              | 117.8                | 85.4                          | 48.4                           | 89.2     | 89.6                | 80.8                    | 81.5                 | 81.2    | 72.6                       | 60.9                 |
| 1984 .....      | 83.2              | 116.5                | 83.0                          | 45.0                           | 91.6     | 89.2                | 80.3                    | 82.1                 | 81.3    | 70.7                       | 65.4                 |
| 1985 .....      | 83.5              | 113.0                | 79.4                          | 39.8                           | 87.4     | 86.3                | 77.2                    | 77.6                 | 77.4    | 67.2                       | 57.7                 |
| 1986 .....      | 53.1              | 91.2                 | 49.5                          | 29.0                           | 60.6     | 57.9                | 45.2                    | 48.6                 | 47.0    | 40.9                       | 30.5                 |
| 1987 .....      | 58.9              | 85.9                 | 53.8                          | 25.2                           | 59.2     | 59.9                | 53.4                    | 52.7                 | 53.1    | 46.2                       | 38.5                 |
| 1988 .....      | 57.7              | 85.0                 | 49.5                          | 24.0                           | 54.9     | 54.9                | 47.3                    | 47.3                 | 47.3    | 42.5                       | 30.0                 |
| 1989 .....      | 65.4              | 95.0                 | 58.3                          | 24.7                           | 66.9     | 66.8                | 56.7                    | 56.5                 | 56.6    | 48.0                       | 36.0                 |
| 1990 .....      | 78.6              | 106.3                | 77.3                          | 38.6                           | 83.9     | 83.8                | 69.4                    | 69.7                 | 69.5    | 59.0                       | 41.3                 |
| 1991 .....      | 69.9              | 100.1                | 65.0                          | 34.9                           | 72.3     | 73.0                | 61.5                    | 62.2                 | 61.8    | 55.6                       | 31.4                 |
| 1992 .....      | 67.7              | 99.1                 | 60.5                          | 32.8                           | 63.2     | 65.2                | 59.1                    | 57.9                 | 58.5    | 49.5                       | 30.8                 |
| 1993 .....      | 62.6              | 96.5                 | 57.7                          | 35.1                           | 60.4     | 64.6                | 57.0                    | 54.4                 | 55.9    | 48.8                       | 29.3                 |
| 1994 .....      | 59.9              | 93.3                 | 53.4                          | 32.4                           | 61.8     | 61.5                | 52.9                    | 50.6                 | 52.2    | 46.2                       | 31.7                 |
| 1995 .....      | 62.6              | 97.5                 | 53.9                          | 34.4                           | 58.0     | 62.5                | 53.8                    | 51.1                 | 53.0    | 46.3                       | 36.3                 |
| 1996 .....      | 71.3              | 105.5                | 64.6                          | 46.1                           | 71.4     | 75.1                | 65.9                    | 63.9                 | 65.3    | 60.3                       | 42.0                 |
| <b>1997</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 75.0              | 109.0                | 73.8                          | 60.2                           | 77.7     | 78.9                | 69.8                    | 69.8                 | 69.8    | 63.7                       | 42.9                 |
| February .....  | 73.0              | 108.7                | 71.5                          | 44.7                           | 73.9     | 77.2                | 67.8                    | 64.5                 | 66.6    | 58.8                       | 39.3                 |
| March .....     | 71.4              | 107.9                | 61.8                          | 41.3                           | 63.5     | 73.1                | 62.4                    | 57.7                 | 61.0    | 53.7                       | 35.8                 |
| April .....     | 70.4              | 108.5                | 60.6                          | 37.7                           | 62.1     | 70.6                | 61.7                    | 58.6                 | 61.0    | 49.7                       | 36.1                 |
| May .....       | 71.3              | 108.2                | 59.4                          | 36.9                           | 60.4     | 69.8                | 60.7                    | 58.8                 | 60.2    | 52.9                       | 35.8                 |
| June .....      | 68.4              | 105.9                | 58.1                          | 36.4                           | 57.4     | 66.7                | 56.6                    | 54.5                 | 56.1    | 47.0                       | 36.7                 |
| July .....      | 67.5              | 104.7                | 56.9                          | 35.9                           | 56.8     | 63.8                | 55.8                    | 53.8                 | 55.4    | 46.0                       | 36.5                 |
| August .....    | 75.0              | 109.0                | 59.1                          | 37.5                           | 60.6     | 67.6                | 58.9                    | 55.3                 | 58.1    | 52.6                       | 38.3                 |
| September ..... | 72.3              | 109.0                | 58.9                          | 39.5                           | 60.2     | 67.4                | 57.8                    | 54.3                 | 57.0    | 54.1                       | 38.7                 |
| October .....   | 68.5              | 104.7                | 61.1                          | 41.1                           | 63.8     | 72.1                | 61.7                    | 59.0                 | 61.2    | 56.8                       | 42.0                 |
| November .....  | 65.9              | 102.0                | 61.3                          | 39.6                           | 62.6     | 71.0                | 61.5                    | 58.4                 | 60.7    | 57.3                       | 43.5                 |
| December .....  | 61.7              | 99.1                 | 55.6                          | 37.5                           | 57.8     | 64.1                | 55.0                    | 53.4                 | 54.6    | 49.0                       | 35.6                 |
| 1997 .....      | 70.0              | 106.5                | 61.3                          | 41.6                           | 65.3     | 72.3                | 60.6                    | 59.0                 | 60.2    | 55.1                       | 38.7                 |
| <b>1998</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 57.6              | 96.2                 | 52.9                          | 35.4                           | 52.8     | 57.1                | 49.6                    | 48.9                 | 49.4    | 45.9                       | 31.1                 |
| February .....  | 55.1              | 92.1                 | 50.3                          | 33.1                           | 51.6     | 56.4                | 48.3                    | 47.7                 | 48.1    | 43.6                       | 28.3                 |
| March .....     | 52.3              | 88.4                 | 45.9                          | 31.1                           | 47.5     | 54.3                | 45.9                    | 44.9                 | 45.6    | 40.1                       | 26.4                 |
| April .....     | 54.9              | 92.8                 | 46.7                          | 30.3                           | 46.1     | 57.9                | 48.2                    | 44.9                 | 47.4    | 41.7                       | 30.3                 |
| May .....       | 57.9              | 97.3                 | 47.0                          | 29.3                           | 45.6     | 56.4                | 47.0                    | 43.3                 | 46.1    | 40.3                       | 29.5                 |
| June .....      | 55.7              | 94.1                 | 43.2                          | 26.7                           | 43.0     | 52.1                | 43.5                    | 39.9                 | 42.8    | 36.5                       | 27.9                 |
| July .....      | 54.3              | 93.4                 | 43.4                          | 25.7                           | 41.7     | 50.1                | 42.6                    | 38.8                 | 41.9    | 37.5                       | 29.6                 |
| August .....    | 50.6              | 91.6                 | 42.9                          | 25.7                           | 40.7     | 51.3                | 41.4                    | 36.9                 | 40.5    | 36.0                       | 26.5                 |
| September ..... | 50.9              | 89.8                 | 44.6                          | 26.3                           | 45.9     | 53.3                | 45.6                    | 41.8                 | 44.9    | 36.1                       | 27.9                 |
| October .....   | 52.4              | 90.7                 | 45.9                          | 27.6                           | 46.6     | 53.7                | 45.5                    | 41.2                 | 44.6    | 35.3                       | 28.2                 |
| November .....  | 47.8              | 83.6                 | 42.9                          | 27.7                           | 44.2     | 49.5                | 41.4                    | 38.9                 | 40.9    | 36.8                       | 26.0                 |
| December .....  | 42.6              | 79.8                 | 36.3                          | 25.7                           | 38.7     | 43.5                | 35.4                    | 34.6                 | 35.2    | 30.2                       | 23.3                 |
| 1998 .....      | 52.6              | 91.2                 | 45.0                          | 28.8                           | 46.5     | 51.3                | 44.4                    | 42.2                 | 43.9    | 38.3                       | 28.0                 |
| <b>1999</b>     |                   |                      |                               |                                |          |                     |                         |                      |         |                            |                      |
| January .....   | 44.5              | 81.2                 | 37.3                          | 26.5                           | 42.0     | 46.5                | 36.2                    | 36.3                 | 36.2    | 34.4                       | 25.6                 |
| February .....  | 42.9              | 79.2                 | 35.2                          | 26.1                           | 37.8     | 44.7                | 35.1                    | 33.1                 | 34.5    | 29.7                       | 21.9                 |
| March .....     | 52.1              | 86.3                 | 39.5                          | 26.8                           | 43.7     | 49.2                | 43.2                    | 39.8                 | 42.4    | 32.6                       | 25.1                 |
| April .....     | 62.8              | 98.9                 | 46.6                          | 28.7                           | 47.3     | 56.7                | 48.8                    | 44.7                 | 48.1    | 38.3                       | 30.4                 |
| May .....       | 62.1              | 99.2                 | 46.8                          | 29.1                           | 43.8     | 57.2                | 47.9                    | 43.8                 | 47.2    | 42.2                       | 32.5                 |
| June .....      | 61.5              | 94.8                 | 48.6                          | 29.1                           | 45.4     | 60.5                | 50.4                    | 44.7                 | 49.5    | 39.1                       | 32.6                 |
| July .....      | 68.6              | 103.6                | 53.7                          | 34.7                           | 53.0     | 63.3                | 56.4                    | 51.2                 | 55.6    | 43.4                       | 36.1                 |
| August .....    | 74.1              | 107.6                | 59.1                          | 38.3                           | 59.6     | 69.1                | 61.6                    | 56.2                 | 60.7    | 49.4                       | 42.7                 |
| September ..... | 75.9              | 111.7                | 62.7                          | 42.6                           | 66.0     | 74.1                | 64.9                    | 60.9                 | 64.3    | 51.9                       | 46.7                 |
| October .....   | 72.4              | 109.3                | 63.8                          | 43.7                           | 64.7     | 75.6                | 65.0                    | 61.0                 | 64.3    | 52.2                       | 44.8                 |
| November .....  | 75.2              | 108.1                | 66.5                          | 42.6                           | 72.8     | 80.0                | 69.9                    | 66.2                 | 69.1    | 63.7                       | 46.8                 |
| December .....  | 76.0              | 110.2                | 72.1                          | 41.8                           | 76.5     | 80.4                | 70.5                    | 67.8                 | 69.9    | 60.2                       | 47.2                 |
| 1999 .....      | 64.5              | 100.7                | 53.3                          | 34.2                           | 55.0     | 63.4                | 54.6                    | 49.3                 | 53.6    | 43.0                       | 35.4                 |

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 4. U.S. Refiner Wholesale Petroleum Product Prices**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 5. U.S. Refiner Volumes of Petroleum Products for Resale**

(Million Gallons per Day)

| Year<br>Month   | Motor<br>Gasoline | Aviation<br>Gasoline | Kerosene-<br>Type<br>Jet Fuel | Propane<br>(Consumer<br>Grade) | Kerosene | No. 1<br>Distillate | No. 2 Distillate        |                      |       | No. 4<br>Fuel <sup>a</sup> | Residual<br>Fuel Oil |
|-----------------|-------------------|----------------------|-------------------------------|--------------------------------|----------|---------------------|-------------------------|----------------------|-------|----------------------------|----------------------|
|                 |                   |                      |                               |                                |          |                     | No. 2<br>Diesel<br>Fuel | No. 2<br>Fuel<br>Oil | Total |                            |                      |
| 1983 .....      | 242.5             | 0.7                  | 5.4                           | 26.0                           | 2.5      | 2.4                 | 38.1                    | 47.3                 | 85.5  | 0.9                        | 20.2                 |
| 1984 .....      | 246.3             | 0.8                  | 6.6                           | 26.7                           | 2.2      | 2.6                 | 42.8                    | 51.4                 | 94.2  | 1.7                        | 21.3                 |
| 1985 .....      | 256.9             | 0.7                  | 7.6                           | 29.2                           | 2.4      | 2.7                 | 43.3                    | 53.9                 | 97.3  | 1.2                        | 19.9                 |
| 1986 .....      | 257.2             | 0.7                  | 9.2                           | 26.3                           | 2.4      | 2.5                 | 46.4                    | 53.8                 | 100.3 | 1.2                        | 18.6                 |
| 1987 .....      | 257.2             | 0.8                  | 10.1                          | 27.0                           | 2.3      | 2.0                 | 44.3                    | 49.3                 | 93.6  | 1.5                        | 16.9                 |
| 1988 .....      | 263.7             | 0.7                  | 10.0                          | 27.7                           | 2.7      | 2.6                 | 47.8                    | 50.1                 | 97.9  | 1.2                        | 18.9                 |
| 1989 .....      | 260.7             | 0.7                  | 8.6                           | 25.9                           | 2.7      | 2.7                 | 50.7                    | 46.7                 | 97.5  | 1.2                        | 21.0                 |
| 1990 .....      | 264.8             | 0.7                  | 8.8                           | 25.5                           | 2.2      | 2.4                 | 51.9                    | 45.9                 | 97.8  | 0.8                        | 17.9                 |
| 1991 .....      | 261.3             | 0.7                  | 8.7                           | 25.4                           | 2.1      | 2.4                 | 51.5                    | 46.9                 | 98.3  | 0.4                        | 17.8                 |
| 1992 .....      | 265.4             | 0.7                  | 8.0                           | 26.7                           | 2.2      | 2.3                 | 50.8                    | 48.9                 | 99.7  | 0.4                        | 15.2                 |
| 1993 .....      | 266.9             | 0.6                  | 8.3                           | 27.9                           | 2.3      | 2.3                 | 58.0                    | 43.6                 | 101.7 | 0.4                        | 12.6                 |
| 1994 .....      | 276.7             | 0.7                  | 9.1                           | 28.4                           | 2.5      | 1.9                 | 72.4                    | 32.9                 | 105.3 | 0.4                        | 12.8                 |
| 1995 .....      | 288.8             | 0.6                  | 9.9                           | 30.6                           | 2.4      | 1.7                 | 75.9                    | 31.0                 | 106.9 | 0.3                        | 13.6                 |
| 1996 .....      | 293.6             | 0.6                  | 11.5                          | 32.9                           | 2.7      | 1.8                 | 83.7                    | 33.1                 | 116.8 | 0.3                        | 13.8                 |
| <b>1997</b>     |                   |                      |                               |                                |          |                     |                         |                      |       |                            |                      |
| January .....   | 272.8             | 0.4                  | 11.1                          | 44.9                           | 5.4      | 4.7                 | 80.8                    | 47.7                 | 128.5 | 0.5                        | 14.1                 |
| February .....  | 285.4             | 0.5                  | 10.3                          | 38.4                           | 3.6      | 2.7                 | 78.7                    | 42.3                 | 121.1 | 0.4                        | 13.9                 |
| March .....     | 287.1             | 0.5                  | 10.3                          | 28.1                           | 2.1      | 1.1                 | 84.4                    | 35.7                 | 120.1 | 0.3                        | 9.4                  |
| April .....     | 293.0             | 0.6                  | 9.5                           | 25.8                           | 1.3      | 0.4                 | 91.1                    | 29.9                 | 121.0 | 0.3                        | 10.5                 |
| May .....       | 293.3             | 0.7                  | 9.9                           | 24.8                           | 1.0      | 0.3                 | 88.6                    | 25.7                 | 114.3 | 0.1                        | 8.2                  |
| June .....      | 293.5             | 0.8                  | 10.8                          | 24.3                           | 0.8      | 0.4                 | 91.2                    | 27.4                 | 118.6 | 0.2                        | 10.4                 |
| July .....      | 307.9             | 0.9                  | 10.8                          | 26.6                           | 1.3      | 0.4                 | 92.1                    | 25.3                 | 117.3 | 0.1                        | 10.9                 |
| August .....    | 304.0             | 0.8                  | 12.6                          | 28.7                           | 1.2      | 0.5                 | 87.0                    | 25.0                 | 112.0 | 0.2                        | 12.1                 |
| September ..... | 290.4             | 0.7                  | 10.4                          | 32.4                           | 1.9      | 0.9                 | 94.0                    | 27.0                 | 121.0 | 0.1                        | 11.6                 |
| October .....   | 299.6             | 0.6                  | 11.7                          | 34.7                           | 2.7      | 1.6                 | 100.0                   | 26.1                 | 126.0 | 0.1                        | 12.4                 |
| November .....  | 286.4             | 0.5                  | 13.9                          | 35.8                           | 4.0      | 3.1                 | 85.9                    | 27.7                 | 113.6 | 0.1                        | 11.8                 |
| December .....  | 298.4             | 0.5                  | 14.2                          | 42.5                           | 4.9      | 3.2                 | 90.2                    | 35.5                 | 125.7 | 0.3                        | 12.9                 |
| 1997 .....      | 292.7             | 0.6                  | 11.3                          | 32.2                           | 2.5      | 1.6                 | 88.7                    | 31.2                 | 119.9 | 0.2                        | 11.5                 |
| <b>1998</b>     |                   |                      |                               |                                |          |                     |                         |                      |       |                            |                      |
| January .....   | 279.9             | 0.4                  | 11.5                          | 38.8                           | 4.4      | 3.1                 | 84.9                    | 34.6                 | 119.5 | 0.2                        | 13.9                 |
| February .....  | 286.2             | 0.5                  | 11.4                          | 38.4                           | 3.9      | 1.7                 | 84.2                    | 35.5                 | 119.7 | 0.2                        | 10.0                 |
| March .....     | 291.3             | 0.6                  | 12.5                          | 33.7                           | 2.9      | 1.1                 | 89.6                    | 32.2                 | 121.8 | 0.2                        | 12.7                 |
| April .....     | 304.6             | 0.6                  | 11.8                          | 27.9                           | 1.6      | 0.3                 | 87.0                    | 27.5                 | 114.5 | 0.1                        | 17.6                 |
| May .....       | 305.4             | 0.7                  | 10.3                          | 23.7                           | 1.0      | 0.2                 | 85.6                    | 28.0                 | 113.6 | 0.1                        | 14.8                 |
| June .....      | 316.3             | 0.7                  | 12.0                          | 27.9                           | 1.3      | 0.2                 | 97.7                    | 23.6                 | 121.2 | 0.1                        | 18.2                 |
| July .....      | 318.8             | 0.9                  | 12.1                          | 26.6                           | 1.1      | 0.3                 | 99.6                    | 22.1                 | 121.6 | NA                         | 19.3                 |
| August .....    | 308.6             | 0.7                  | 12.3                          | 27.7                           | 0.9      | 0.4                 | 94.8                    | 21.0                 | 115.7 | NA                         | 16.5                 |
| September ..... | 299.5             | 0.7                  | 10.7                          | 31.8                           | 1.4      | 0.9                 | 96.5                    | 20.9                 | 117.4 | 0.1                        | 17.4                 |
| October .....   | 298.7             | 0.7                  | 13.2                          | 37.7                           | 2.2      | 1.4                 | 97.2                    | 25.8                 | 123.0 | 0.1                        | 17.2                 |
| November .....  | 290.2             | 0.4                  | 14.6                          | 34.2                           | 2.6      | 2.7                 | 93.0                    | 24.7                 | 117.7 | 0.2                        | 12.9                 |
| December .....  | 304.5             | 0.5                  | 13.4                          | 44.0                           | 3.2      | 4.0                 | 92.4                    | 32.0                 | 124.4 | 0.2                        | 13.7                 |
| 1998 .....      | 300.4             | 0.6                  | 12.2                          | 32.7                           | 2.2      | 1.4                 | 91.9                    | 27.3                 | 119.2 | 0.1                        | 15.4                 |
| <b>1999</b>     |                   |                      |                               |                                |          |                     |                         |                      |       |                            |                      |
| January .....   | 266.4             | 0.4                  | 14.6                          | 47.1                           | 5.0      | 4.5                 | 82.1                    | 34.4                 | 116.4 | 0.2                        | 16.2                 |
| February .....  | 288.5             | 0.5                  | 14.4                          | 37.0                           | 3.5      | 2.7                 | 89.5                    | 37.2                 | 126.6 | 0.3                        | 15.0                 |
| March .....     | 305.5             | 0.6                  | 13.0                          | 36.8                           | 2.7      | 1.4                 | 97.5                    | 31.0                 | 128.4 | 0.3                        | 9.0                  |
| April .....     | 315.5             | 0.6                  | 16.5                          | 27.8                           | 1.2      | 0.4                 | 97.2                    | 22.2                 | 119.3 | 0.2                        | 16.1                 |
| May .....       | 312.7             | 0.7                  | 13.1                          | 25.4                           | 1.6      | 0.3                 | 96.0                    | 19.2                 | 115.2 | 0.1                        | 9.6                  |
| June .....      | 322.0             | 0.9                  | 16.1                          | 27.5                           | 1.2      | 0.4                 | 99.4                    | 18.5                 | 118.0 | 0.1                        | 8.4                  |
| July .....      | 316.6             | 0.9                  | 15.2                          | 29.0                           | 1.1      | 0.3                 | 95.4                    | 17.1                 | 112.6 | 0.1                        | 11.1                 |
| August .....    | 308.2             | 0.8                  | 15.7                          | 28.3                           | 1.4      | 0.6                 | 97.5                    | 18.3                 | 115.8 | 0.1                        | 9.3                  |
| September ..... | 306.3             | 0.8                  | 15.8                          | 31.5                           | 1.7      | 1.0                 | 102.0                   | 18.5                 | 120.4 | 0.1                        | 11.5                 |
| October .....   | 303.4             | 0.7                  | 15.4                          | 32.3                           | 2.6      | 1.7                 | 99.2                    | 22.6                 | 121.8 | 0.2                        | 11.0                 |
| November .....  | 309.7             | 0.6                  | 15.9                          | 35.3                           | 2.5      | 2.5                 | 96.2                    | 25.3                 | 121.5 | 0.1                        | 10.9                 |
| December .....  | 327.5             | 0.5                  | 16.2                          | 45.6                           | 4.6      | 4.2                 | 94.5                    | 28.5                 | 123.0 | 0.2                        | 10.8                 |
| 1999 .....      | 306.9             | 0.7                  | 15.2                          | 33.6                           | 2.4      | 1.7                 | 95.5                    | 24.3                 | 119.9 | 0.2                        | 11.5                 |

NA = Not available.

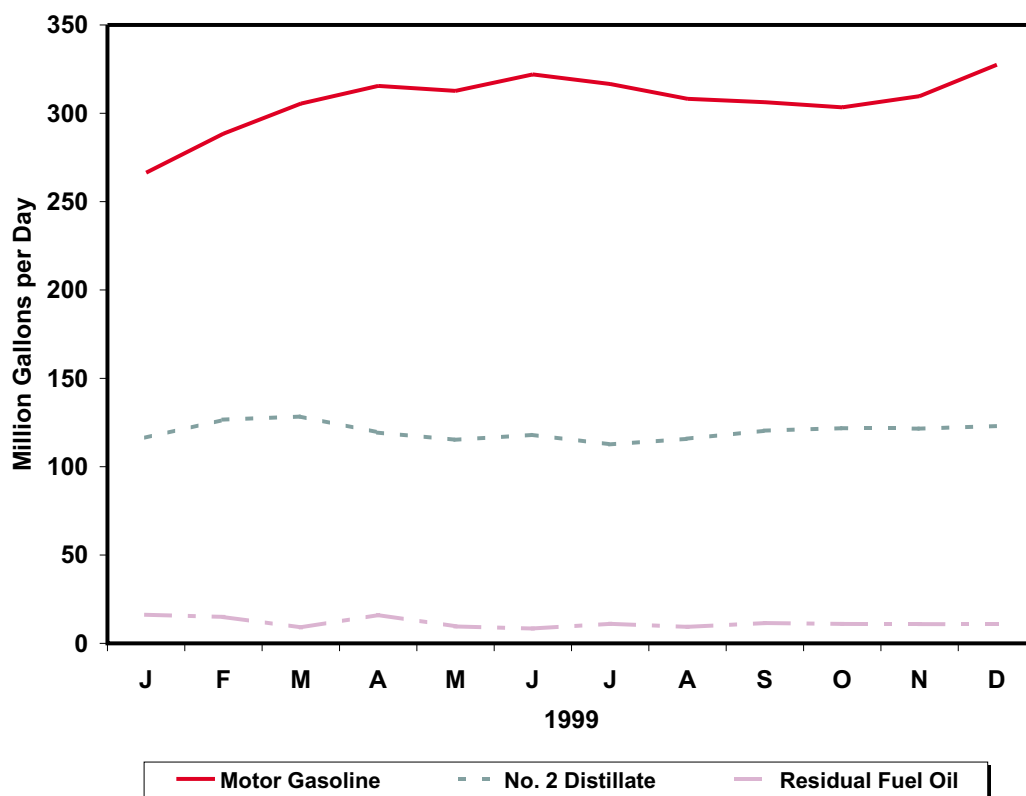
<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

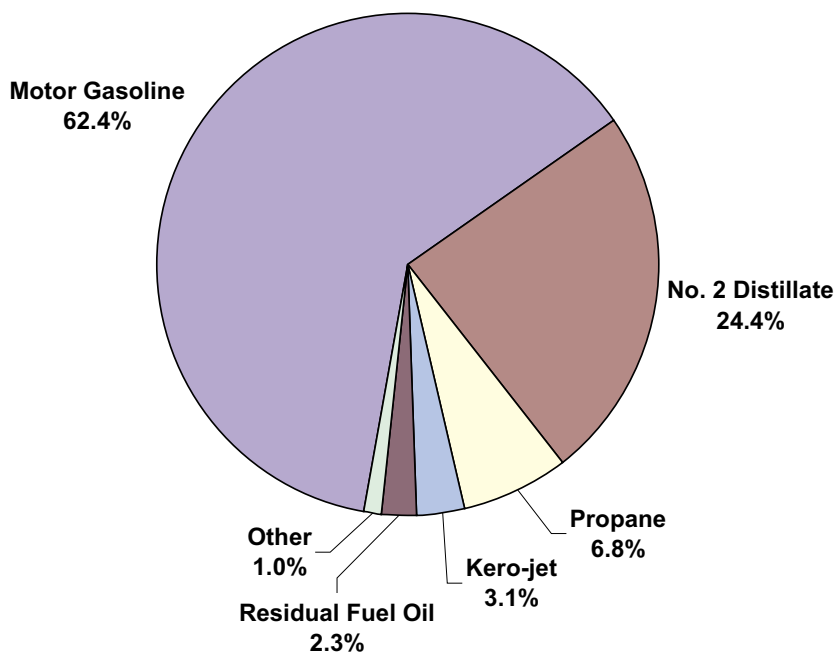
Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 5. U.S. Refiner Wholesale Petroleum Product Volumes**



**Percentages of Refiner Wholesale Volumes**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Regular                      |                      |                  |             |             |             | Midgrade                     |                      |                  |             |             |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |             |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     |
| <b>1983</b> ..... | 98.0                         | 97.0                 | -                | -           | -           | 89.5        | -                            | -                    | -                | -           | -           | -           |
| <b>1984</b> ..... | 92.2                         | 91.4                 | -                | -           | -           | 84.2        | -                            | -                    | -                | -           | -           | -           |
| <b>1985</b> ..... | 92.5                         | 91.7                 | -                | -           | -           | 84.3        | -                            | -                    | -                | -           | -           | -           |
| <b>1986</b> ..... | 62.4                         | 61.6                 | -                | -           | -           | 52.2        | -                            | -                    | -                | -           | -           | -           |
| <b>1987</b> ..... | 65.9                         | 65.0                 | -                | -           | -           | 56.9        | -                            | -                    | -                | -           | -           | -           |
| <b>1988</b> ..... | 64.9                         | 64.1                 | -                | -           | -           | 54.8        | -                            | -                    | -                | -           | -           | -           |
| <b>1989</b> ..... | 72.0                         | 71.4                 | -                | -           | -           | 61.8        | 79.6                         | 79.3                 | -                | -           | -           | 68.6        |
| <b>1990</b> ..... | 85.3                         | 84.9                 | -                | -           | -           | 75.8        | 92.3                         | 92.1                 | -                | -           | -           | 81.4        |
| <b>1991</b> ..... | 76.4                         | 76.1                 | -                | -           | -           | 67.2        | 84.7                         | 84.3                 | -                | -           | -           | 73.3        |
| <b>1992</b> ..... | 74.6                         | 74.3                 | -                | -           | -           | 64.5        | 83.1                         | 82.7                 | -                | -           | -           | 70.8        |
| <b>1993</b> ..... | 71.6                         | 71.2                 | -                | -           | -           | 59.3        | 81.0                         | 80.5                 | -                | -           | -           | 66.0        |
| <b>1994</b> ..... | 69.5                         | 68.9                 | 64.6             | 54.7        | 50.2        | 56.6        | 79.1                         | 78.5                 | 70.4             | 58.4        | NA          | 63.8        |
| <b>1995</b> ..... | 72.3                         | 71.7                 | 68.2             | 57.6        | 53.4        | 59.3        | 81.3                         | 80.8                 | 73.7             | 61.9        | NA          | 67.0        |
| <b>1996</b> ..... | 81.2                         | 80.7                 | 77.0             | 67.2        | 62.2        | 68.5        | 90.1                         | 89.6                 | 82.4             | 70.9        | NA          | 75.9        |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 83.0                         | 82.5                 | 77.2             | 71.9        | 67.8        | 72.4        | 92.4                         | 92.0                 | 82.9             | 76.1        | W           | 79.1        |
| February .....    | 82.4                         | 81.9                 | 77.3             | 69.3        | 65.8        | 70.4        | 91.9                         | 91.5                 | 82.8             | 73.2        | W           | 77.5        |
| March .....       | 80.4                         | 79.9                 | 76.6             | 66.9        | 64.9        | 68.7        | 90.1                         | 89.7                 | 82.3             | 71.0        | 74.8        | 76.0        |
| April .....       | 80.3                         | 79.7                 | 77.7             | 65.5        | 62.4        | 67.7        | 89.9                         | 89.6                 | 82.9             | 69.6        | W           | 75.4        |
| May .....         | 81.0                         | 80.5                 | 76.5             | 67.6        | 62.3        | 68.6        | 90.2                         | 89.9                 | 82.3             | 70.8        | W           | 75.7        |
| June .....        | 79.7                         | 79.2                 | 74.9             | 63.9        | 58.9        | 65.6        | 89.1                         | 88.7                 | 80.8             | 67.2        | W           | 73.0        |
| July .....        | 77.9                         | 77.4                 | 72.4             | 63.9        | 57.9        | 64.8        | 87.3                         | 86.9                 | 78.4             | 67.5        | W           | 71.9        |
| August .....      | 83.2                         | 82.8                 | 79.2             | 71.4        | 66.1        | 72.2        | 92.7                         | 92.3                 | 85.4             | 75.3        | W           | 79.5        |
| September .....   | 83.6                         | 83.1                 | 81.2             | 67.1        | 63.4        | 69.5        | 93.2                         | 92.9                 | 87.4             | 71.0        | W           | 77.9        |
| October .....     | 80.8                         | 80.3                 | 78.2             | 63.2        | 59.6        | 65.7        | 90.5                         | 90.1                 | 84.1             | 67.2        | W           | 74.2        |
| November .....    | 78.1                         | 77.6                 | 75.1             | 60.6        | 56.0        | 63.1        | 87.7                         | 87.4                 | 80.9             | 64.6        | W           | 71.5        |
| December .....    | 74.1                         | 73.5                 | 70.7             | 56.3        | 53.3        | 58.9        | 83.9                         | 83.6                 | 76.7             | 60.7        | W           | 67.4        |
| <b>1997</b> ..... | <b>80.3</b>                  | <b>79.8</b>          | <b>76.4</b>      | <b>65.6</b> | <b>61.5</b> | <b>67.3</b> | <b>89.8</b>                  | <b>89.5</b>          | <b>82.2</b>      | <b>69.4</b> | <b>71.1</b> | <b>74.9</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 69.6                         | 69.0                 | 66.8             | 52.2        | 50.5        | 54.8        | 78.5                         | 78.2                 | 72.4             | 56.6        | W           | 63.1        |
| February .....    | 65.2                         | 64.8                 | 60.9             | 50.8        | 48.2        | 52.5        | 74.8                         | 74.5                 | 66.5             | 54.9        | W           | 59.7        |
| March .....       | 61.7                         | 61.3                 | 56.3             | 48.4        | 46.0        | 49.7        | 71.2                         | 70.9                 | 62.3             | 52.3        | W           | 56.4        |
| April .....       | 63.9                         | 63.5                 | 58.5             | 51.6        | 48.3        | 52.3        | 73.2                         | 72.9                 | 64.3             | 55.6        | W           | 59.2        |
| May .....         | 67.7                         | 67.3                 | 63.6             | 54.3        | 49.6        | 55.3        | 76.8                         | 76.5                 | 69.2             | 58.1        | W           | 62.6        |
| June .....        | 67.0                         | 66.6                 | 62.7             | 51.6        | 46.8        | 52.9        | 76.4                         | 76.1                 | 68.5             | 55.4        | W           | 60.7        |
| July .....        | 65.5                         | 65.1                 | 61.1             | 50.2        | 45.5        | 51.5        | 75.3                         | 75.0                 | 67.1             | 53.9        | W           | 59.1        |
| August .....      | 62.7                         | 62.2                 | 58.8             | 45.6        | 41.9        | 47.6        | 72.8                         | 72.5                 | 64.7             | 49.5        | W           | 55.6        |
| September .....   | 61.5                         | 61.0                 | 57.6             | 46.5        | 42.3        | 48.1        | 71.4                         | 71.1                 | 63.5             | 50.3        | W           | 55.6        |
| October .....     | 62.4                         | 61.9                 | 58.0             | 48.1        | 43.5        | 49.5        | 72.1                         | 71.8                 | 64.2             | 52.5        | NA          | 57.2        |
| November .....    | 59.5                         | 59.1                 | 56.8             | 42.1        | 39.3        | 44.7        | 69.9                         | 69.6                 | 63.1             | 46.4        | W           | 53.2        |
| December .....    | 55.4                         | 54.9                 | 54.0             | 36.3        | 34.0        | 39.5        | 66.1                         | 65.8                 | 60.3             | 40.8        | W           | 48.7        |
| <b>1998</b> ..... | <b>63.4</b>                  | <b>63.0</b>          | <b>59.6</b>      | <b>48.1</b> | <b>44.9</b> | <b>49.9</b> | <b>73.1</b>                  | <b>72.8</b>          | <b>65.5</b>      | <b>52.1</b> | <b>NA</b>   | <b>57.6</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 55.1                         | 54.7                 | 53.3             | 38.9        | 34.3        | 41.3        | 65.0                         | 64.7                 | 60.2             | 43.1        | -           | 50.2        |
| February .....    | 52.9                         | 52.5                 | 51.5             | 37.2        | 34.6        | 39.8        | 63.5                         | 63.2                 | 58.4             | 41.4        | W           | 48.4        |
| March .....       | 61.7                         | 61.2                 | 59.6             | 47.9        | 41.8        | 49.3        | 71.4                         | 71.1                 | 65.8             | 51.7        | W           | 57.4        |
| April .....       | 76.2                         | 75.7                 | 77.7             | 57.9        | 49.0        | 60.1        | 84.5                         | 84.2                 | 81.7             | 61.5        | W           | 69.5        |
| May .....         | 75.0                         | 74.4                 | 75.1             | 57.0        | 49.4        | 59.3        | 84.7                         | 84.4                 | 80.6             | 60.9        | W           | 68.7        |
| June .....        | 72.0                         | 71.7                 | 70.3             | 57.3        | 51.3        | 58.9        | 81.9                         | 81.6                 | 76.2             | 60.9        | W           | 66.8        |
| July .....        | 76.6                         | 76.3                 | 75.0             | 64.9        | 59.3        | 66.2        | 86.2                         | 85.9                 | 80.6             | 68.5        | NA          | 73.1        |
| August .....      | 83.1                         | 82.7                 | 81.9             | 69.6        | 65.2        | 71.6        | 92.5                         | 92.2                 | 87.2             | 73.3        | W           | 78.7        |
| September .....   | 85.4                         | 84.9                 | 82.1             | 72.2        | 66.3        | 73.4        | 95.1                         | 94.7                 | 88.2             | 76.1        | W           | 80.8        |
| October .....     | 83.5                         | 83.0                 | 80.5             | 68.1        | 62.7        | 69.8        | 93.6                         | 93.3                 | 86.8             | 71.9        | W           | 77.8        |
| November .....    | 84.5                         | 84.1                 | 80.4             | 72.2        | 65.7        | 72.7        | 94.4                         | 94.1                 | 86.8             | 76.2        | W           | 80.2        |
| December .....    | 86.7                         | 86.3                 | 82.3             | 72.4        | 67.1        | 73.5        | 96.7                         | 96.4                 | 88.7             | 76.5        | W           | 81.2        |
| <b>1999</b> ..... | <b>74.7</b>                  | <b>74.2</b>          | <b>73.0</b>      | <b>60.5</b> | <b>54.2</b> | <b>62.0</b> | <b>83.8</b>                  | <b>83.5</b>          | <b>78.4</b>      | <b>63.9</b> | <b>NA</b>   | <b>69.6</b> |

See footnotes at end of table.

**Table 6. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month   | Premium                      |                      |                  |      |      |         | All Grades                   |                      |                  |      |      |         |
|-----------------|------------------------------|----------------------|------------------|------|------|---------|------------------------------|----------------------|------------------|------|------|---------|
|                 | Sales to End Users           |                      | Sales for Resale |      |      |         | Sales to End Users           |                      | Sales for Resale |      |      |         |
|                 | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack | Bulk | Average | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack | Bulk | Average |
| 1983 .....      | 108.0                        | 105.7                | —                | —    | —    | 96.4    | 96.4                         | 95.4                 | —                | —    | —    | 88.2    |
| 1984 .....      | 102.1                        | 101.5                | —                | —    | —    | 91.6    | 91.4                         | 90.7                 | —                | —    | —    | 83.2    |
| 1985 .....      | 103.0                        | 102.3                | —                | —    | —    | 92.2    | 92.1                         | 91.2                 | —                | —    | —    | 83.5    |
| 1986 .....      | 74.8                         | 73.7                 | —                | —    | —    | 61.0    | 63.2                         | 62.4                 | —                | —    | —    | 53.1    |
| 1987 .....      | 79.0                         | 78.4                 | —                | —    | —    | 67.1    | 67.8                         | 66.9                 | —                | —    | —    | 58.9    |
| 1988 .....      | 79.4                         | 78.8                 | —                | —    | —    | 67.2    | 68.1                         | 67.3                 | —                | —    | —    | 57.7    |
| 1989 .....      | 87.4                         | 86.8                 | —                | —    | —    | 74.9    | 76.3                         | 75.6                 | —                | —    | —    | 65.4    |
| 1990 .....      | 99.0                         | 98.5                 | —                | —    | —    | 87.4    | 88.8                         | 88.3                 | —                | —    | —    | 78.6    |
| 1991 .....      | 91.2                         | 90.7                 | —                | —    | —    | 79.2    | 80.0                         | 79.7                 | —                | —    | —    | 69.9    |
| 1992 .....      | 92.0                         | 91.4                 | —                | —    | —    | 77.4    | 79.2                         | 78.7                 | —                | —    | —    | 67.7    |
| 1993 .....      | 89.6                         | 88.9                 | —                | —    | —    | 72.2    | 76.5                         | 75.9                 | —                | —    | —    | 62.6    |
| 1994 .....      | 87.3                         | 86.5                 | 78.7             | 64.0 | 55.6 | 69.5    | 74.4                         | 73.8                 | 69.3             | 56.7 | 50.9 | 59.9    |
| 1995 .....      | 89.7                         | 89.0                 | 82.2             | 67.3 | 58.3 | 72.2    | 77.1                         | 76.5                 | 72.9             | 59.8 | 54.0 | 62.6    |
| 1996 .....      | 97.9                         | 97.2                 | 89.7             | 76.2 | 66.9 | 80.3    | 85.3                         | 84.7                 | 80.9             | 69.0 | 62.7 | 71.3    |
| 1997            |                              |                      |                  |      |      |         |                              |                      |                  |      |      |         |
| January .....   | 101.0                        | 100.2                | W                | 81.7 | 72.0 | 84.5    | 87.2                         | 86.6                 | 81.2             | 73.8 | 68.2 | 75.0    |
| February .....  | 100.2                        | 99.6                 | W                | 78.6 | 69.6 | 82.6    | 86.5                         | 85.9                 | 81.2             | 71.0 | 66.1 | 73.0    |
| March .....     | 98.3                         | 97.6                 | 89.9             | 76.3 | 68.5 | 80.6    | 84.6                         | 84.0                 | 80.5             | 68.7 | 65.3 | 71.4    |
| April .....     | 97.9                         | 97.5                 | W                | 75.0 | 66.5 | 79.7    | 84.4                         | 83.9                 | 81.3             | 67.4 | 62.8 | 70.4    |
| May .....       | 97.9                         | 97.3                 | W                | 76.8 | 67.9 | 80.5    | 85.0                         | 84.5                 | 80.3             | 69.3 | 62.8 | 71.3    |
| June .....      | 96.8                         | 96.1                 | W                | 73.1 | 64.9 | 77.5    | 83.8                         | 83.3                 | 78.8             | 65.6 | 59.7 | 68.4    |
| July .....      | 95.5                         | 94.8                 | W                | 73.5 | 63.6 | 77.0    | 82.0                         | 81.5                 | 76.4             | 65.7 | 58.4 | 67.5    |
| August .....    | 100.8                        | 100.3                | W                | 81.2 | 73.9 | 84.5    | 87.2                         | 86.8                 | 83.2             | 73.3 | 66.9 | 75.0    |
| September ..... | 101.5                        | 101.2                | W                | 76.6 | 69.0 | 82.0    | 87.6                         | 87.2                 | 85.1             | 68.9 | 64.0 | 72.3    |
| October .....   | 98.4                         | 97.7                 | W                | 72.6 | 64.1 | 77.8    | 84.9                         | 84.3                 | 81.9             | 65.0 | 60.2 | 68.5    |
| November .....  | 95.6                         | 94.9                 | W                | 69.6 | 59.0 | 74.8    | 82.2                         | 81.6                 | 78.8             | 62.3 | 56.4 | 65.9    |
| December .....  | 92.0                         | 91.4                 | W                | 65.5 | 56.8 | 70.9    | 78.3                         | 77.8                 | 74.6             | 58.2 | 53.8 | 61.7    |
| 1997 .....      | 97.9                         | 97.3                 | 89.5             | 74.9 | 65.8 | 79.2    | 84.4                         | 83.9                 | 80.3             | 67.4 | 62.0 | 70.0    |
| 1998            |                              |                      |                  |      |      |         |                              |                      |                  |      |      |         |
| January .....   | 87.0                         | 86.4                 | W                | 61.5 | 54.5 | 67.2    | 73.7                         | 73.2                 | 70.7             | 54.0 | 50.8 | 57.6    |
| February .....  | 83.0                         | 82.4                 | W                | 60.0 | 51.0 | 64.4    | 69.4                         | 69.0                 | 64.9             | 52.6 | 48.4 | 55.1    |
| March .....     | 79.4                         | 78.9                 | W                | 57.6 | 48.8 | 61.1    | 65.9                         | 65.5                 | 60.4             | 50.2 | 46.3 | 52.3    |
| April .....     | 81.3                         | 80.7                 | W                | 60.9 | 52.9 | 63.8    | 68.1                         | 67.7                 | 62.5             | 53.5 | 48.8 | 54.9    |
| May .....       | 84.6                         | 84.1                 | W                | 63.7 | 55.1 | 66.9    | 71.8                         | 71.4                 | 67.3             | 56.2 | 50.1 | 57.9    |
| June .....      | 84.2                         | 83.6                 | W                | 61.1 | 52.4 | 65.0    | 71.2                         | 70.7                 | 66.6             | 53.5 | 47.3 | 55.7    |
| July .....      | 83.4                         | 82.9                 | W                | 59.7 | 51.4 | 63.7    | 69.9                         | 69.4                 | 65.1             | 52.1 | 46.0 | 54.3    |
| August .....    | 80.7                         | 80.0                 | W                | 55.3 | 48.4 | 60.1    | 67.2                         | 66.7                 | 62.8             | 47.5 | 42.6 | 50.6    |
| September ..... | 79.5                         | 78.7                 | W                | 55.9 | 47.3 | 59.9    | 66.0                         | 65.5                 | 61.6             | 48.4 | 42.9 | 50.9    |
| October .....   | 80.5                         | 79.9                 | 71.3             | 57.9 | 48.7 | 61.6    | 66.9                         | 66.4                 | 62.2             | 50.1 | 44.2 | 52.4    |
| November .....  | 77.8                         | 77.2                 | W                | 51.5 | 43.6 | 56.9    | 64.2                         | 63.7                 | 61.1             | 44.1 | 39.9 | 47.8    |
| December .....  | 74.0                         | 73.3                 | W                | 45.6 | 36.7 | 51.7    | 60.3                         | 59.7                 | 58.3             | 38.4 | 34.3 | 42.6    |
| 1998 .....      | 81.1                         | 80.5                 | 72.6             | 57.3 | 48.9 | 61.7    | 67.8                         | 67.3                 | 63.6             | 50.0 | 45.4 | 52.6    |
| 1999            |                              |                      |                  |      |      |         |                              |                      |                  |      |      |         |
| January .....   | 73.6                         | 73.1                 | 67.5             | 48.2 | 38.1 | 53.1    | 60.0                         | 59.5                 | 57.9             | 41.0 | 35.0 | 44.5    |
| February .....  | 71.8                         | 71.2                 | W                | 46.5 | 37.7 | 51.8    | 57.8                         | 57.4                 | 56.0             | 39.2 | 35.0 | 42.9    |
| March .....     | 78.9                         | 78.2                 | W                | 56.7 | 44.4 | 60.4    | 66.0                         | 65.5                 | 63.5             | 49.7 | 42.1 | 52.1    |
| April .....     | 91.7                         | 91.1                 | 86.8             | 66.7 | 55.9 | 71.5    | 79.7                         | 79.2                 | 80.3             | 59.6 | 49.8 | 62.8    |
| May .....       | 92.3                         | 91.7                 | W                | 66.2 | 55.7 | 71.2    | 79.0                         | 78.5                 | 78.4             | 58.8 | 50.2 | 62.1    |
| June .....      | 89.8                         | 89.3                 | W                | 66.4 | 55.3 | 69.9    | 76.2                         | 75.8                 | 74.0             | 59.1 | 51.9 | 61.5    |
| July .....      | 93.6                         | 93.1                 | 87.4             | 74.0 | 63.5 | 76.8    | 80.6                         | 80.3                 | 78.5             | 66.6 | 60.0 | 68.6    |
| August .....    | 99.9                         | 99.3                 | W                | 78.8 | 68.4 | 82.4    | 86.9                         | 86.4                 | 85.3             | 71.3 | 65.8 | 74.1    |
| September ..... | 102.9                        | 102.1                | W                | 81.8 | 71.0 | 84.7    | 89.3                         | 88.8                 | 85.9             | 73.9 | 67.1 | 75.9    |
| October .....   | 101.8                        | 101.2                | W                | 77.7 | 67.4 | 81.8    | 87.6                         | 87.1                 | 84.5             | 69.8 | 63.4 | 72.4    |
| November .....  | 102.4                        | 101.7                | W                | 81.8 | 69.7 | 84.4    | 88.6                         | 88.1                 | 84.4             | 74.0 | 66.2 | 75.2    |
| December .....  | 105.1                        | 104.4                | W                | 82.1 | 72.1 | 85.4    | 90.8                         | 90.3                 | 86.3             | 74.1 | 67.7 | 76.0    |
| 1999 .....      | 91.2                         | 90.6                 | 85.1             | 68.7 | 58.5 | 72.6    | 78.5                         | 78.1                 | 76.5             | 62.1 | 54.9 | 64.5    |

Dash (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

a Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type**

(Million Gallons per Day)

| Year<br>Month     | Regular                      |                    |                  |              |             |              | Midgrade                     |                    |                  |             |           |             |
|-------------------|------------------------------|--------------------|------------------|--------------|-------------|--------------|------------------------------|--------------------|------------------|-------------|-----------|-------------|
|                   | Sales to End Users           |                    | Sales for Resale |              |             |              | Sales to End Users           |                    | Sales for Resale |             |           |             |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack         | Bulk        | Total        | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack        | Bulk      | Total       |
| <b>1983</b> ..... | 20.0                         | 23.5               | —                | —            | —           | 98.3         | —                            | —                  | —                | —           | —         | —           |
| <b>1984</b> ..... | 24.3                         | 27.8               | —                | —            | —           | 106.8        | —                            | —                  | —                | —           | —         | —           |
| <b>1985</b> ..... | 26.2                         | 29.9               | —                | —            | —           | 119.7        | —                            | —                  | —                | —           | —         | —           |
| <b>1986</b> ..... | 30.9                         | 34.7               | —                | —            | —           | 127.0        | —                            | —                  | —                | —           | —         | —           |
| <b>1987</b> ..... | 32.7                         | 36.1               | —                | —            | —           | 141.9        | —                            | —                  | —                | —           | —         | —           |
| <b>1988</b> ..... | 34.2                         | 37.3               | —                | —            | —           | 153.6        | —                            | —                  | —                | —           | —         | —           |
| <b>1989</b> ..... | 34.3                         | 36.8               | —                | —            | —           | 155.7        | 4.9                          | 5.1                | —                | —           | —         | 16.4        |
| <b>1990</b> ..... | 36.7                         | 38.8               | —                | —            | —           | 174.5        | 7.4                          | 7.6                | —                | —           | —         | 23.1        |
| <b>1991</b> ..... | 38.4                         | 40.4               | —                | —            | —           | 180.9        | 7.9                          | 8.2                | —                | —           | —         | 23.7        |
| <b>1992</b> ..... | 36.5                         | 38.4               | —                | —            | —           | 182.2        | 8.9                          | 9.2                | —                | —           | —         | 27.5        |
| <b>1993</b> ..... | 35.6                         | 37.2               | —                | —            | —           | 184.0        | 8.7                          | 8.9                | —                | —           | —         | 27.7        |
| <b>1994</b> ..... | 34.3                         | 35.9               | 47.7             | 120.3        | 24.3        | 192.3        | 8.5                          | 8.7                | 12.8             | 15.7        | 0.2       | 28.7        |
| <b>1995</b> ..... | 34.3                         | 35.9               | 43.8             | 126.2        | 31.8        | 201.8        | 9.6                          | 9.8                | 13.3             | 17.2        | 0.1       | 30.6        |
| <b>1996</b> ..... | 37.2                         | 38.9               | 46.5             | 131.9        | 35.2        | 213.6        | 9.5                          | 9.8                | 12.9             | 16.6        | NA        | 29.5        |
| <b>1997</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |           |             |
| January .....     | 35.6                         | 37.6               | 45.0             | 122.6        | 33.7        | 201.3        | 8.8                          | 9.1                | 12.1             | 15.0        | W         | 27.1        |
| February .....    | 37.8                         | 39.9               | 46.7             | 127.7        | 38.1        | 212.6        | 9.1                          | 9.4                | 12.4             | 15.5        | W         | 27.9        |
| March .....       | 38.4                         | 40.5               | 47.0             | 129.9        | 35.1        | 212.0        | 9.3                          | 9.6                | 12.3             | 15.5        | NA        | 27.9        |
| April .....       | 38.5                         | 40.7               | 47.7             | 134.5        | 33.9        | 216.1        | 9.3                          | 9.6                | 12.2             | 16.1        | W         | 28.3        |
| May .....         | 38.1                         | 39.8               | 45.9             | 135.5        | 34.2        | 215.7        | 9.2                          | 9.5                | 12.2             | 16.3        | W         | 28.5        |
| June .....        | 39.3                         | 41.0               | 46.1             | 138.7        | 29.1        | 214.0        | 9.5                          | 9.8                | 12.3             | 16.7        | W         | 29.0        |
| July .....        | 43.2                         | 44.9               | 45.7             | 148.0        | 31.9        | 225.6        | 10.4                         | 10.7               | 12.3             | 18.0        | W         | 30.3        |
| August .....      | 43.4                         | 45.1               | 46.3             | 144.9        | 33.2        | 224.5        | 10.3                         | 10.5               | 12.2             | 17.2        | W         | 29.5        |
| September .....   | 42.8                         | 44.5               | 45.2             | 137.6        | 33.1        | 215.9        | 10.0                         | 10.2               | 11.6             | 16.2        | W         | 27.9        |
| October .....     | 43.2                         | 45.0               | 45.8             | 140.6        | 35.4        | 221.8        | 10.1                         | 10.3               | 11.8             | 16.8        | W         | 28.6        |
| November .....    | 41.8                         | 43.3               | 46.3             | 132.0        | 32.3        | 210.6        | 9.8                          | 10.0               | 11.7             | 15.7        | W         | 27.4        |
| December .....    | 44.1                         | 45.7               | 46.8             | 135.6        | 37.2        | 219.6        | 10.6                         | 10.7               | 11.8             | 16.5        | W         | 28.3        |
| <b>1997</b> ..... | <b>40.5</b>                  | <b>42.4</b>        | <b>46.2</b>      | <b>135.7</b> | <b>33.9</b> | <b>215.8</b> | <b>9.7</b>                   | <b>10.0</b>        | <b>12.1</b>      | <b>16.3</b> | <b>NA</b> | <b>28.4</b> |
| <b>1998</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |           |             |
| January .....     | 39.4                         | 40.8               | 42.1             | 127.0        | 38.6        | 207.6        | 9.9                          | 10.1               | 10.8             | 15.2        | W         | 26.0        |
| February .....    | 41.7                         | 43.1               | 43.6             | 131.6        | 37.2        | 212.4        | 9.7                          | 9.9                | 11.0             | 15.5        | W         | 26.6        |
| March .....       | 43.0                         | 44.5               | 44.7             | 134.7        | 34.5        | 213.9        | 10.0                         | 10.2               | 11.1             | 16.0        | W         | 27.1        |
| April .....       | 39.1                         | 40.5               | 44.7             | 137.3        | 44.0        | 226.0        | 9.2                          | 9.3                | 11.0             | 16.0        | W         | 27.1        |
| May .....         | 39.4                         | 40.8               | 45.0             | 139.1        | 41.7        | 225.8        | 9.4                          | 9.5                | 11.2             | 16.1        | W         | 27.3        |
| June .....        | 40.2                         | 41.6               | 45.7             | 145.8        | 42.8        | 234.2        | 9.6                          | 9.8                | 11.3             | 16.8        | W         | 28.1        |
| July .....        | 44.4                         | 45.9               | 45.7             | 148.2        | 40.9        | 234.8        | 10.7                         | 10.8               | 11.4             | 17.4        | W         | 28.7        |
| August .....      | 44.0                         | 45.5               | 45.1             | 144.0        | 36.0        | 225.1        | 10.6                         | 10.8               | 11.3             | 16.9        | W         | 28.1        |
| September .....   | 42.7                         | 44.2               | 44.2             | 140.3        | 33.0        | 217.6        | 10.4                         | 10.6               | 11.0             | 16.4        | W         | 27.4        |
| October .....     | 42.6                         | 44.1               | 45.1             | 141.0        | 30.5        | 216.7        | 10.6                         | 10.8               | 11.3             | 16.6        | NA        | 27.9        |
| November .....    | 41.6                         | 43.0               | 43.0             | 135.6        | 30.6        | 209.2        | 10.5                         | 10.7               | 10.9             | 16.0        | W         | 27.0        |
| December .....    | 42.4                         | 43.8               | 43.9             | 141.1        | 35.1        | 220.1        | 10.7                         | 10.9               | 11.1             | 16.3        | W         | 27.4        |
| <b>1998</b> ..... | <b>41.7</b>                  | <b>43.2</b>        | <b>44.4</b>      | <b>138.9</b> | <b>37.1</b> | <b>220.3</b> | <b>10.1</b>                  | <b>10.3</b>        | <b>11.1</b>      | <b>16.3</b> | <b>NA</b> | <b>27.4</b> |
| <b>1999</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |           |             |
| January .....     | 38.4                         | 39.6               | 40.2             | 122.7        | 26.9        | 189.8        | 10.5                         | 10.6               | 10.1             | 14.3        | —         | 24.4        |
| February .....    | 40.6                         | 42.0               | 43.3             | 133.7        | 29.8        | 206.8        | 10.4                         | 10.5               | 10.8             | 15.5        | W         | 26.4        |
| March .....       | 41.5                         | 43.0               | 45.4             | 141.4        | 35.3        | 222.2        | 10.3                         | 10.5               | 11.0             | 16.4        | W         | 27.4        |
| April .....       | 43.2                         | 44.6               | 46.5             | 145.6        | 45.2        | 237.3        | 10.0                         | 10.1               | 10.4             | 15.9        | W         | 26.3        |
| May .....         | 42.6                         | 44.2               | 46.2             | 146.4        | 40.7        | 233.2        | 10.3                         | 10.4               | 10.5             | 16.1        | W         | 26.5        |
| June .....        | 43.5                         | 44.9               | 46.5             | 155.1        | 36.4        | 238.0        | 10.2                         | 10.3               | 10.6             | 17.0        | W         | 27.6        |
| July .....        | 42.4                         | 43.7               | 46.6             | 156.5        | 30.8        | 233.9        | 10.0                         | 10.1               | 10.6             | 17.0        | NA        | 27.7        |
| August .....      | 42.0                         | 43.3               | 47.4             | 155.7        | 26.4        | 229.5        | 9.6                          | 9.7                | 10.4             | 16.3        | W         | 26.8        |
| September .....   | 40.5                         | 41.9               | 46.1             | 152.3        | 31.4        | 229.8        | 9.2                          | 9.4                | 10.2             | 15.8        | W         | 26.0        |
| October .....     | 41.3                         | 42.6               | 45.8             | 149.5        | 33.1        | 228.4        | 9.4                          | 9.6                | 10.2             | 15.5        | W         | 25.8        |
| November .....    | 40.3                         | 41.6               | 45.3             | 149.7        | 38.6        | 233.6        | 9.2                          | 9.4                | 10.1             | 16.1        | W         | 26.2        |
| December .....    | 42.9                         | 44.3               | 47.8             | 160.4        | 39.2        | 247.5        | 9.8                          | 10.0               | 10.7             | 17.2        | W         | 27.9        |
| <b>1999</b> ..... | <b>41.6</b>                  | <b>43.0</b>        | <b>45.6</b>      | <b>147.5</b> | <b>34.5</b> | <b>227.6</b> | <b>9.9</b>                   | <b>10.1</b>        | <b>10.5</b>      | <b>16.1</b> | <b>NA</b> | <b>26.6</b> |

See footnotes at end of table.

**Table 7. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type**

(Million Gallons per Day) — Continued

| Year<br>Month     | Premium                      |                    |                  |      |      |       | All Grades                   |                    |                  |       |      |       |
|-------------------|------------------------------|--------------------|------------------|------|------|-------|------------------------------|--------------------|------------------|-------|------|-------|
|                   | Sales to End Users           |                    | Sales for Resale |      |      |       | Sales to End Users           |                    | Sales for Resale |       |      |       |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack | Bulk | Total | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack  | Bulk | Total |
| <b>1983</b> ..... | 5.0                          | 6.2                | —                | —    | —    | 28.7  | 42.3                         | 51.1               | —                | —     | —    | 242.5 |
| <b>1984</b> ..... | 8.5                          | 9.2                | —                | —    | —    | 33.7  | 50.3                         | 57.6               | —                | —     | —    | 246.3 |
| <b>1985</b> ..... | 9.2                          | 10.0               | —                | —    | —    | 38.0  | 50.5                         | 57.5               | —                | —     | —    | 256.9 |
| <b>1986</b> ..... | 9.0                          | 9.8                | —                | —    | —    | 45.1  | 54.2                         | 61.2               | —                | —     | —    | 257.2 |
| <b>1987</b> ..... | 11.2                         | 11.6               | —                | —    | —    | 53.0  | 55.7                         | 61.0               | —                | —     | —    | 257.2 |
| <b>1988</b> ..... | 13.8                         | 14.5               | —                | —    | —    | 62.4  | 56.7                         | 61.0               | —                | —     | —    | 263.7 |
| <b>1989</b> ..... | 13.5                         | 14.2               | —                | —    | —    | 60.8  | 57.5                         | 61.2               | —                | —     | —    | 260.7 |
| <b>1990</b> ..... | 11.2                         | 11.7               | —                | —    | —    | 53.7  | 57.4                         | 60.3               | —                | —     | —    | 264.8 |
| <b>1991</b> ..... | 10.5                         | 10.9               | —                | —    | —    | 48.3  | 58.4                         | 61.2               | —                | —     | —    | 261.3 |
| <b>1992</b> ..... | 10.3                         | 10.7               | —                | —    | —    | 51.7  | 56.4                         | 59.0               | —                | —     | —    | 265.4 |
| <b>1993</b> ..... | 10.3                         | 10.6               | —                | —    | —    | 52.8  | 54.9                         | 57.2               | —                | —     | —    | 266.9 |
| <b>1994</b> ..... | 10.0                         | 10.3               | 22.6             | 29.9 | 3.2  | 55.7  | 52.8                         | 55.0               | 83.1             | 165.9 | 27.7 | 276.7 |
| <b>1995</b> ..... | 9.8                          | 10.2               | 20.8             | 31.5 | 4.2  | 56.4  | 53.7                         | 55.9               | 77.9             | 174.8 | 36.0 | 288.8 |
| <b>1996</b> ..... | 8.4                          | 8.8                | 18.2             | 28.3 | 4.1  | 50.5  | 55.1                         | 57.5               | 77.5             | 176.8 | 39.3 | 293.6 |
| <b>1997</b>       |                              |                    |                  |      |      |       |                              |                    |                  |       |      |       |
| January .....     | 7.4                          | 7.8                | W                | 24.6 | 3.5  | 44.5  | 51.8                         | 54.4               | 73.5             | 162.2 | 37.2 | 272.8 |
| February .....    | 7.7                          | 8.0                | W                | 25.3 | 2.8  | 45.0  | 54.6                         | 57.3               | 76.0             | 168.5 | 40.9 | 285.4 |
| March .....       | 8.0                          | 8.3                | 17.2             | 26.0 | 3.9  | 47.2  | 55.7                         | 58.4               | 76.6             | 171.4 | 39.1 | 287.1 |
| April .....       | 8.1                          | 8.5                | W                | 27.5 | 3.9  | 48.7  | 55.8                         | 58.9               | 77.1             | 178.1 | 37.8 | 293.0 |
| May .....         | 8.1                          | 8.6                | W                | 28.2 | 3.7  | 49.0  | 55.4                         | 57.8               | 75.4             | 180.0 | 37.9 | 293.3 |
| June .....        | 8.6                          | 9.0                | W                | 28.8 | 4.4  | 50.6  | 57.4                         | 59.8               | 75.9             | 184.1 | 33.5 | 293.5 |
| July .....        | 9.3                          | 9.8                | W                | 31.1 | 3.4  | 51.9  | 62.8                         | 65.3               | 75.4             | 197.1 | 35.4 | 307.9 |
| August .....      | 8.7                          | 9.1                | W                | 29.4 | 4.0  | 50.1  | 62.5                         | 64.8               | 75.3             | 191.5 | 37.3 | 304.0 |
| September .....   | 8.4                          | 8.9                | W                | 27.1 | 3.8  | 46.6  | 61.2                         | 63.7               | 72.5             | 180.9 | 37.0 | 290.4 |
| October .....     | 8.7                          | 9.0                | W                | 28.2 | 4.8  | 49.2  | 62.0                         | 64.4               | 73.9             | 185.6 | 40.2 | 299.6 |
| November .....    | 8.6                          | 8.9                | W                | 26.8 | 4.9  | 48.4  | 60.3                         | 62.3               | 74.7             | 174.5 | 37.2 | 286.4 |
| December .....    | 9.4                          | 9.6                | W                | 28.5 | 4.9  | 50.5  | 64.0                         | 66.0               | 75.7             | 180.5 | 42.1 | 298.4 |
| <b>1997</b> ..... | 8.4                          | 8.8                | 16.9             | 27.6 | 4.0  | 48.5  | 58.7                         | 61.1               | 75.1             | 179.6 | 38.0 | 292.7 |
| <b>1998</b>       |                              |                    |                  |      |      |       |                              |                    |                  |       |      |       |
| January .....     | 8.8                          | 9.0                | W                | 26.9 | 3.5  | 46.3  | 58.1                         | 59.9               | 68.7             | 169.0 | 42.1 | 279.9 |
| February .....    | 9.2                          | 9.4                | W                | 27.6 | 2.8  | 47.2  | 60.6                         | 62.4               | 71.4             | 174.7 | 40.1 | 286.2 |
| March .....       | 9.7                          | 9.9                | W                | 29.1 | 3.8  | 50.2  | 62.6                         | 64.5               | 73.2             | 179.7 | 38.3 | 291.3 |
| April .....       | 8.9                          | 9.2                | W                | 29.6 | 4.8  | 51.5  | 57.2                         | 59.0               | 72.9             | 182.8 | 48.9 | 304.6 |
| May .....         | 8.9                          | 9.2                | W                | 30.4 | 4.8  | 52.3  | 57.7                         | 59.5               | 73.3             | 185.6 | 46.5 | 305.4 |
| June .....        | 9.2                          | 9.4                | W                | 31.8 | 4.6  | 54.0  | 59.0                         | 60.8               | 74.6             | 194.3 | 47.4 | 316.3 |
| July .....        | 10.1                         | 10.4               | W                | 33.6 | 3.7  | 55.2  | 65.2                         | 67.2               | 75.0             | 199.1 | 44.6 | 318.8 |
| August .....      | 10.2                         | 10.5               | W                | 32.9 | 4.5  | 55.3  | 64.8                         | 66.8               | 74.3             | 193.8 | 40.5 | 308.6 |
| September .....   | 10.0                         | 10.3               | W                | 32.1 | 4.8  | 54.6  | 63.1                         | 65.1               | 72.8             | 188.8 | 37.9 | 299.5 |
| October .....     | 10.0                         | 10.2               | 18.0             | 31.7 | 4.4  | 54.1  | 63.1                         | 65.1               | 74.4             | 189.3 | 35.0 | 298.7 |
| November .....    | 9.9                          | 10.2               | W                | 31.4 | 4.9  | 54.0  | 62.0                         | 63.8               | 71.6             | 183.1 | 35.5 | 290.2 |
| December .....    | 10.4                         | 10.7               | W                | 34.0 | 4.9  | 56.9  | 63.6                         | 65.4               | 73.0             | 191.4 | 40.1 | 304.5 |
| <b>1998</b> ..... | 9.6                          | 9.9                | 17.4             | 30.9 | 4.3  | 52.7  | 61.4                         | 63.3               | 73.0             | 186.1 | 41.4 | 300.4 |
| <b>1999</b>       |                              |                    |                  |      |      |       |                              |                    |                  |       |      |       |
| January .....     | 9.9                          | 10.1               | 16.3             | 30.1 | 5.8  | 52.2  | 58.7                         | 60.3               | 66.7             | 167.1 | 32.6 | 266.4 |
| February .....    | 10.1                         | 10.3               | W                | 32.4 | 5.1  | 55.2  | 61.0                         | 62.8               | 71.9             | 181.7 | 34.9 | 288.5 |
| March .....       | 9.5                          | 9.8                | W                | 33.3 | 5.1  | 56.0  | 61.3                         | 63.3               | 74.0             | 191.1 | 40.4 | 305.5 |
| April .....       | 8.7                          | 8.9                | 15.6             | 30.2 | 6.0  | 51.9  | 61.8                         | 63.7               | 72.6             | 191.7 | 51.3 | 315.5 |
| May .....         | 8.6                          | 8.9                | W                | 30.9 | 6.0  | 52.9  | 61.5                         | 63.5               | 72.6             | 193.3 | 46.8 | 312.7 |
| June .....        | 9.0                          | 9.2                | W                | 33.3 | 6.6  | 56.4  | 62.7                         | 64.5               | 73.5             | 205.5 | 43.0 | 322.0 |
| July .....        | 8.7                          | 8.9                | 16.1             | 33.0 | 5.9  | 55.0  | 61.0                         | 62.7               | 73.4             | 206.5 | 36.8 | 316.6 |
| August .....      | 8.1                          | 8.3                | W                | 31.4 | 5.0  | 52.0  | 59.6                         | 61.4               | 73.3             | 203.5 | 31.4 | 308.2 |
| September .....   | 7.7                          | 8.0                | W                | 29.2 | 6.0  | 50.4  | 57.5                         | 59.3               | 71.5             | 197.4 | 37.4 | 306.3 |
| October .....     | 8.0                          | 8.2                | W                | 28.1 | 5.8  | 49.2  | 58.7                         | 60.4               | 71.4             | 193.2 | 38.9 | 303.4 |
| November .....    | 7.8                          | 8.1                | W                | 29.0 | 5.5  | 49.8  | 57.3                         | 59.1               | 70.6             | 194.8 | 44.2 | 309.7 |
| December .....    | 8.1                          | 8.4                | W                | 30.5 | 5.7  | 52.0  | 60.9                         | 62.7               | 74.4             | 208.1 | 44.9 | 327.5 |
| <b>1999</b> ..... | 8.7                          | 8.9                | 16.1             | 31.0 | 5.7  | 52.7  | 60.2                         | 62.0               | 72.2             | 194.6 | 40.2 | 306.9 |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent.

Note: Motor gasoline averages and totals prior to October 1993 include leaded gasoline.

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Regular                      |                      |                  |             |             |             | Midgrade                     |                      |                  |             |           |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-----------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |           |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk      | Average     |
| <b>1994</b> ..... | <b>68.7</b>                  | <b>68.1</b>          | <b>63.6</b>      | <b>54.5</b> | <b>50.0</b> | <b>55.8</b> | <b>78.4</b>                  | <b>77.8</b>          | <b>69.4</b>      | <b>NA</b>   | <b>NA</b> | <b>62.7</b> |
| <b>1995</b> ..... | <b>71.0</b>                  | <b>70.4</b>          | <b>65.1</b>      | <b>57.0</b> | <b>52.5</b> | <b>57.3</b> | <b>80.0</b>                  | <b>79.4</b>          | <b>71.1</b>      | <b>61.0</b> | <b>NA</b> | <b>63.7</b> |
| <b>1996</b> ..... | <b>79.7</b>                  | <b>79.1</b>          | <b>74.3</b>      | <b>66.5</b> | <b>60.7</b> | <b>66.4</b> | <b>88.4</b>                  | <b>87.8</b>          | <b>80.1</b>      | <b>70.0</b> | <b>NA</b> | <b>72.6</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 82.4                         | 81.7                 | 76.7             | 71.2        | 66.2        | 70.8        | 91.4                         | 90.9                 | 83.1             | 75.4        | —         | 77.2        |
| February .....    | 80.7                         | 80.1                 | 74.9             | 68.5        | 64.3        | 68.3        | 90.1                         | 89.5                 | 81.3             | 72.3        | —         | 74.5        |
| March .....       | 78.5                         | 77.9                 | 72.4             | 66.1        | 62.7        | 66.2        | 88.4                         | 87.9                 | 78.7             | 70.1        | W         | 72.2        |
| April .....       | 78.7                         | 77.9                 | 73.1             | 65.0        | 60.7        | 65.2        | 88.3                         | 87.8                 | 78.8             | 69.0        | —         | 71.4        |
| May .....         | 79.6                         | 79.1                 | 73.4             | 67.3        | 61.9        | 67.1        | 88.7                         | 88.3                 | 79.1             | 70.3        | —         | 72.5        |
| June .....        | 78.5                         | 78.0                 | 72.1             | 63.7        | 59.1        | 64.0        | 87.7                         | 87.2                 | 78.5             | 66.8        | —         | 69.6        |
| July .....        | 76.6                         | 76.1                 | 69.7             | 63.6        | 57.5        | 63.3        | 85.8                         | 85.4                 | 76.2             | 67.1        | —         | 69.1        |
| August .....      | 82.0                         | 81.5                 | 75.8             | 70.8        | 63.9        | 70.3        | 91.1                         | 90.7                 | 81.9             | 74.4        | —         | 76.1        |
| September .....   | 80.5                         | 79.9                 | 74.4             | 66.1        | 60.8        | 66.1        | 89.8                         | 89.4                 | 81.1             | 69.6        | —         | 72.2        |
| October .....     | 76.9                         | 76.3                 | 70.2             | 62.1        | 57.0        | 62.0        | 86.5                         | 86.1                 | 76.7             | 65.7        | —         | 68.1        |
| November .....    | 73.9                         | 73.4                 | 66.9             | 59.3        | 54.8        | 59.3        | 83.2                         | 82.8                 | 73.6             | 63.1        | —         | 65.4        |
| December .....    | 69.5                         | 68.9                 | 62.3             | 55.0        | 51.7        | 55.1        | 78.8                         | 78.5                 | 69.3             | 59.1        | —         | 61.3        |
| <b>1997</b> ..... | <b>78.1</b>                  | <b>77.5</b>          | <b>71.9</b>      | <b>64.9</b> | <b>60.0</b> | <b>64.8</b> | <b>87.4</b>                  | <b>86.9</b>          | <b>78.3</b>      | <b>68.5</b> | <b>W</b>  | <b>70.8</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 65.7                         | 65.1                 | 59.5             | 50.9        | 49.1        | 51.2        | 74.2                         | 73.8                 | 66.0             | 55.2        | —         | 57.5        |
| February .....    | 63.1                         | 62.6                 | 56.5             | 49.9        | 47.2        | 49.9        | 72.2                         | 71.7                 | 62.5             | 53.8        | —         | 55.7        |
| March .....       | 60.7                         | 60.3                 | 53.8             | 47.7        | 45.1        | 47.8        | 69.9                         | 69.5                 | 60.1             | 51.4        | —         | 53.3        |
| April .....       | 62.5                         | 62.1                 | 55.5             | 50.9        | 47.0        | 50.4        | 71.7                         | 71.3                 | 61.7             | 54.7        | —         | 56.2        |
| May .....         | 65.5                         | 65.1                 | 59.0             | 53.6        | 48.5        | 53.0        | 74.4                         | 74.0                 | 64.7             | 57.1        | —         | 58.8        |
| June .....        | 64.9                         | 64.4                 | 58.4             | 51.0        | 46.2        | 50.7        | 74.1                         | 73.7                 | 64.4             | 54.5        | W         | 56.6        |
| July .....        | 63.6                         | 63.1                 | 57.3             | 49.7        | 44.8        | 49.4        | 73.0                         | 72.7                 | 63.3             | 53.0        | —         | 55.1        |
| August .....      | 60.3                         | 59.7                 | 54.5             | 44.9        | 40.7        | 45.0        | 70.0                         | 69.6                 | 60.7             | 48.4        | —         | 51.1        |
| September .....   | 59.0                         | 58.5                 | 53.2             | 45.7        | 40.8        | 45.6        | 68.6                         | 68.2                 | 59.3             | 49.3        | —         | 51.4        |
| October .....     | 60.4                         | 59.9                 | 54.3             | 47.3        | 42.4        | 47.3        | 69.8                         | 69.4                 | 60.5             | 51.7        | —         | 53.6        |
| November .....    | 56.8                         | 56.3                 | 51.4             | 40.8        | 37.6        | 41.3        | 66.7                         | 66.3                 | 58.0             | 45.1        | —         | 47.8        |
| December .....    | 51.5                         | 51.0                 | 46.3             | 35.0        | 32.7        | 35.6        | 61.8                         | 61.4                 | 53.3             | 39.3        | —         | 42.2        |
| <b>1998</b> ..... | <b>61.1</b>                  | <b>60.6</b>          | <b>55.1</b>      | <b>47.3</b> | <b>43.9</b> | <b>47.3</b> | <b>70.4</b>                  | <b>70.0</b>          | <b>61.3</b>      | <b>51.1</b> | <b>W</b>  | <b>53.3</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 51.2                         | 50.9                 | 46.5             | 37.9        | 32.9        | 37.9        | 60.5                         | 60.3                 | 54.1             | 42.0        | —         | 44.6        |
| February .....    | 49.2                         | 48.8                 | 44.3             | 36.2        | 32.8        | 36.4        | 59.2                         | 58.9                 | 52.3             | 40.3        | —         | 42.8        |
| March .....       | 57.4                         | 56.9                 | 52.4             | 46.8        | 39.6        | 46.0        | 66.9                         | 66.6                 | 59.3             | 50.5        | —         | 52.3        |
| April .....       | 69.2                         | 68.7                 | 68.0             | 56.8        | 47.0        | 55.7        | 78.5                         | 78.2                 | 73.2             | 60.4        | —         | 63.2        |
| May .....         | 69.6                         | 69.2                 | 67.4             | 56.3        | 48.1        | 55.7        | 79.6                         | 79.3                 | 73.3             | 59.9        | —         | 62.7        |
| June .....        | 68.4                         | 68.1                 | W                | 56.3        | 48.4        | 55.9        | 78.3                         | 78.1                 | 71.7             | W           | —         | 62.2        |
| July .....        | 73.6                         | 73.3                 | W                | 63.7        | 55.6        | 63.3        | 83.2                         | 82.9                 | 76.9             | W           | —         | 69.2        |
| August .....      | 78.9                         | 78.5                 | W                | 68.5        | 62.0        | 68.4        | 88.9                         | 88.6                 | 82.0             | W           | —         | 74.1        |
| September .....   | 82.9                         | 82.4                 | 79.4             | 71.6        | 64.7        | 71.3        | 92.9                         | 92.5                 | 85.4             | 75.4        | —         | 77.4        |
| October .....     | 81.3                         | 80.8                 | 76.7             | 67.2        | 60.9        | 67.0        | 91.5                         | 91.2                 | 83.2             | 71.0        | —         | 73.3        |
| November .....    | 82.7                         | 82.3                 | 78.2             | 71.4        | 64.4        | 70.7        | 92.4                         | 92.1                 | 85.0             | 75.4        | —         | 77.1        |
| December .....    | 84.9                         | 84.4                 | 79.9             | 71.5        | 65.5        | 71.1        | 94.6                         | 94.3                 | 86.7             | 75.6        | —         | 77.6        |
| <b>1999</b> ..... | <b>71.0</b>                  | <b>70.6</b>          | <b>67.6</b>      | <b>59.5</b> | <b>52.0</b> | <b>59.0</b> | <b>80.2</b>                  | <b>79.9</b>          | <b>73.4</b>      | <b>62.8</b> | <b>—</b>  | <b>65.0</b> |

See footnotes at end of table.

**Table 8. U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month     | Premium                      |                      |                  |             |             |             | All Grades                   |                      |                  |             |             |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |             |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     |
| <b>1994</b> ..... | <b>86.3</b>                  | <b>85.5</b>          | <b>77.8</b>      | <b>63.8</b> | <b>55.5</b> | <b>68.2</b> | <b>73.6</b>                  | <b>72.9</b>          | <b>68.3</b>      | <b>56.5</b> | <b>50.7</b> | <b>58.9</b> |
| <b>1995</b> ..... | <b>87.7</b>                  | <b>86.8</b>          | <b>79.0</b>      | <b>66.5</b> | <b>56.8</b> | <b>68.4</b> | <b>75.3</b>                  | <b>74.6</b>          | <b>69.3</b>      | <b>59.0</b> | <b>53.0</b> | <b>59.8</b> |
| <b>1996</b> ..... | <b>96.0</b>                  | <b>95.1</b>          | <b>86.9</b>      | <b>75.5</b> | <b>64.5</b> | <b>76.7</b> | <b>83.4</b>                  | <b>82.7</b>          | <b>77.8</b>      | <b>68.2</b> | <b>61.0</b> | <b>68.5</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 99.8                         | 98.6                 | 90.7             | 81.0        | 70.1        | 81.7        | 86.1                         | 85.4                 | 80.6             | 73.0        | 66.5        | 72.9        |
| February .....    | 98.3                         | 97.4                 | 88.7             | 78.0        | 67.8        | 79.2        | 84.5                         | 83.8                 | 78.7             | 70.3        | 64.5        | 70.3        |
| March .....       | 96.3                         | 95.5                 | 86.3             | W           | 66.6        | 76.8        | 82.5                         | 81.8                 | 76.1             | 67.9        | 63.0        | 68.2        |
| April .....       | 96.4                         | 95.5                 | 86.4             | 74.5        | 64.9        | 75.8        | 82.6                         | 81.8                 | 76.6             | 66.8        | 61.0        | 67.3        |
| May .....         | 96.6                         | 95.6                 | 86.4             | 76.4        | 66.3        | 77.5        | 83.4                         | 82.8                 | 76.9             | 69.0        | 62.2        | 69.1        |
| June .....        | 95.4                         | 94.6                 | 85.5             | 72.8        | 64.9        | 74.4        | 82.3                         | 81.7                 | 75.8             | 65.4        | 59.7        | 66.1        |
| July .....        | 93.9                         | 93.1                 | 83.5             | 73.1        | 63.0        | 74.3        | 80.5                         | 79.9                 | 73.5             | 65.4        | 57.9        | 65.5        |
| August .....      | 99.2                         | 98.3                 | 89.3             | 80.4        | 71.4        | 81.1        | 85.7                         | 85.1                 | 79.3             | 72.5        | 64.6        | 72.4        |
| September .....   | 98.2                         | 97.5                 | 88.4             | 75.5        | 66.0        | 76.8        | 84.3                         | 83.7                 | 78.1             | 67.8        | 61.2        | 68.1        |
| October .....     | 94.5                         | 93.6                 | 84.0             | 71.5        | 61.6        | 72.6        | 80.8                         | 80.2                 | 73.9             | 63.8        | 57.4        | 64.1        |
| November .....    | 91.2                         | 90.4                 | 81.0             | 68.4        | 56.3        | 69.3        | 77.8                         | 77.2                 | 70.8             | 61.0        | 55.0        | 61.3        |
| December .....    | 87.2                         | 86.4                 | 76.6             | 64.3        | 54.7        | 65.3        | 73.5                         | 72.9                 | 66.3             | 56.8        | 52.0        | 57.1        |
| <b>1997</b> ..... | <b>95.4</b>                  | <b>94.6</b>          | <b>85.6</b>      | <b>74.2</b> | <b>64.1</b> | <b>75.3</b> | <b>81.9</b>                  | <b>81.3</b>          | <b>75.6</b>      | <b>66.6</b> | <b>60.4</b> | <b>66.8</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 82.9                         | 82.1                 | 73.9             | 60.3        | 52.7        | 61.7        | 69.6                         | 69.0                 | 63.7             | 52.7        | 49.4        | 53.3        |
| February .....    | 80.4                         | 79.6                 | 69.9             | 59.2        | 49.5        | 60.3        | 67.0                         | 66.5                 | 60.4             | 51.7        | 47.3        | 51.9        |
| March .....       | 78.0                         | 77.2                 | 67.2             | 56.9        | 47.0        | 57.9        | 64.7                         | 64.2                 | 57.7             | 49.5        | 45.2        | 49.7        |
| April .....       | 79.7                         | 79.0                 | 68.8             | 60.4        | 50.1        | 60.7        | 66.5                         | 66.0                 | 59.3             | 52.7        | 47.2        | 52.4        |
| May .....         | 82.1                         | 81.4                 | 71.7             | 63.1        | 53.6        | 63.5        | 69.3                         | 68.9                 | 62.6             | 55.4        | 49.0        | 55.1        |
| June .....        | 81.8                         | 81.1                 | W                | 60.6        | 51.6        | 61.3        | 68.8                         | 68.3                 | 62.1             | 52.9        | 46.7        | 52.8        |
| July .....        | 80.8                         | 80.1                 | 70.3             | 59.2        | 51.0        | 60.2        | 67.6                         | 67.1                 | 61.1             | 51.5        | 45.2        | 51.6        |
| August .....      | 77.9                         | 76.9                 | 67.7             | 54.7        | 47.9        | 56.0        | 64.5                         | 63.9                 | 58.4             | 46.8        | 41.4        | 47.3        |
| September .....   | 76.5                         | 75.6                 | 66.4             | 55.3        | 45.9        | 56.1        | 63.2                         | 62.6                 | 57.1             | 47.6        | 41.3        | 47.8        |
| October .....     | 78.0                         | 77.3                 | 67.6             | 57.3        | 46.8        | 58.1        | 64.6                         | 64.1                 | 58.1             | 49.3        | 42.8        | 49.5        |
| November .....    | 74.6                         | 73.8                 | 65.2             | 50.4        | 41.6        | 51.6        | 61.2                         | 60.6                 | 55.5             | 42.8        | 38.1        | 43.5        |
| December .....    | 69.7                         | 68.9                 | 60.7             | 44.5        | 34.3        | 45.7        | 56.1                         | 55.5                 | 50.7             | 37.0        | 32.9        | 37.8        |
| <b>1998</b> ..... | <b>78.3</b>                  | <b>77.6</b>          | <b>68.4</b>      | <b>W</b>    | <b>47.4</b> | <b>57.6</b> | <b>65.2</b>                  | <b>64.7</b>          | <b>58.9</b>      | <b>49.1</b> | <b>44.2</b> | <b>49.4</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 69.2                         | 68.5                 | 61.8             | 47.3        | 36.8        | 47.9        | 55.8                         | 55.4                 | 51.2             | 39.9        | 33.6        | 40.3        |
| February .....    | 67.6                         | 66.9                 | 60.0             | 45.7        | 36.3        | 46.6        | 53.8                         | 53.4                 | 49.2             | 38.2        | 33.3        | 38.7        |
| March .....       | 74.5                         | 73.7                 | 66.3             | 55.9        | 42.3        | 55.8        | 61.5                         | 61.0                 | 56.5             | 48.6        | 39.9        | 48.1        |
| April .....       | 86.2                         | 85.5                 | 79.3             | 66.0        | 53.8        | 66.3        | 73.0                         | 72.6                 | 71.0             | 58.5        | 47.7        | 57.9        |
| May .....         | 87.3                         | 86.6                 | 79.8             | 65.6        | 54.8        | 66.3        | 73.7                         | 73.3                 | 70.8             | 58.0        | 48.8        | 57.9        |
| June .....        | 86.0                         | 85.4                 | 78.5             | 65.6        | 52.6        | 65.6        | 72.5                         | 72.1                 | 69.2             | 58.1        | 49.0        | 58.0        |
| July .....        | 90.7                         | 90.1                 | 83.7             | 73.1        | 59.8        | 72.9        | 77.6                         | 77.1                 | 74.4             | 65.4        | 56.3        | 65.3        |
| August .....      | 96.0                         | 95.3                 | 88.9             | 77.9        | 65.1        | 78.0        | 82.8                         | 82.3                 | 79.7             | 70.2        | 62.5        | 70.4        |
| September .....   | 100.0                        | 99.1                 | 92.2             | 81.2        | 69.5        | 81.1        | 86.8                         | 86.2                 | 82.8             | 73.3        | 65.4        | 73.3        |
| October .....     | 99.3                         | 98.5                 | 90.8             | 76.8        | 65.7        | 77.3        | 85.3                         | 84.8                 | 80.6             | 68.9        | 61.5        | 69.0        |
| November .....    | 99.6                         | 98.7                 | 92.4             | 81.0        | 68.3        | 81.1        | 86.5                         | 85.9                 | 82.0             | 73.1        | 64.8        | 72.7        |
| December .....    | 102.3                        | 101.4                | 94.3             | 81.2        | 69.8        | 81.5        | 88.6                         | 88.1                 | 83.7             | 73.2        | 66.0        | 73.1        |
| <b>1999</b> ..... | <b>87.2</b>                  | <b>86.5</b>          | <b>80.1</b>      | <b>67.9</b> | <b>55.8</b> | <b>68.1</b> | <b>74.8</b>                  | <b>74.3</b>          | <b>71.1</b>      | <b>61.1</b> | <b>52.5</b> | <b>60.9</b> |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

| Year<br>Month     | Regular                      |                    |                  |              |             |              | Midgrade                     |                    |                  |             |            |             |
|-------------------|------------------------------|--------------------|------------------|--------------|-------------|--------------|------------------------------|--------------------|------------------|-------------|------------|-------------|
|                   | Sales to End Users           |                    | Sales for Resale |              |             |              | Sales to End Users           |                    | Sales for Resale |             |            |             |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack         | Bulk        | Total        | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack        | Bulk       | Total       |
| <b>1994</b> ..... | <b>29.7</b>                  | <b>31.2</b>        | <b>36.1</b>      | <b>113.5</b> | <b>22.8</b> | <b>172.4</b> | <b>7.6</b>                   | <b>7.8</b>         | <b>10.1</b>      | <b>14.6</b> | <b>0.1</b> | <b>24.8</b> |
| <b>1995</b> ..... | <b>24.0</b>                  | <b>25.3</b>        | <b>19.4</b>      | <b>105.1</b> | <b>26.0</b> | <b>150.5</b> | <b>6.0</b>                   | <b>6.3</b>         | <b>5.1</b>       | <b>13.6</b> | <b>0.1</b> | <b>18.7</b> |
| <b>1996</b> ..... | <b>24.1</b>                  | <b>25.4</b>        | <b>17.8</b>      | <b>108.5</b> | <b>27.1</b> | <b>153.4</b> | <b>5.7</b>                   | <b>5.9</b>         | <b>4.4</b>       | <b>12.9</b> | <b>NA</b>  | <b>17.3</b> |
| <b>1997</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |            |             |
| January .....     | 20.6                         | 22.0               | 14.8             | 98.3         | 26.4        | 139.6        | 4.7                          | 4.9                | 3.7              | 11.5        | —          | 15.1        |
| February .....    | 22.1                         | 23.7               | 15.4             | 102.9        | 31.2        | 149.5        | 5.0                          | 5.2                | 3.8              | 11.9        | —          | 15.7        |
| March .....       | 24.0                         | 25.5               | 16.8             | 106.4        | 27.7        | 150.9        | 5.5                          | 5.7                | 4.0              | 12.2        | W          | 16.2        |
| April .....       | 25.1                         | 26.9               | 18.2             | 111.8        | 26.9        | 156.9        | 5.8                          | 5.9                | 4.2              | 12.9        | —          | 17.0        |
| May .....         | 24.7                         | 26.0               | 17.7             | 112.7        | 26.3        | 156.7        | 5.7                          | 5.8                | 4.2              | 13.0        | —          | 17.1        |
| June .....        | 25.6                         | 26.9               | 17.7             | 115.4        | 22.1        | 155.2        | 5.9                          | 6.1                | 4.2              | 13.3        | —          | 17.4        |
| July .....        | 27.8                         | 29.1               | 17.2             | 123.4        | 25.2        | 165.8        | 6.4                          | 6.6                | 4.1              | 14.4        | —          | 18.5        |
| August .....      | 27.3                         | 28.7               | 17.3             | 119.9        | 24.7        | 161.9        | 6.2                          | 6.4                | 4.0              | 13.5        | —          | 17.6        |
| September .....   | 26.4                         | 27.8               | 16.2             | 113.1        | 25.8        | 155.1        | 6.0                          | 6.2                | 3.7              | 12.7        | —          | 16.5        |
| October .....     | 26.1                         | 27.5               | 15.8             | 113.9        | 26.7        | 156.4        | 6.0                          | 6.1                | 3.7              | 13.0        | —          | 16.7        |
| November .....    | 24.3                         | 25.5               | 14.7             | 104.9        | 25.4        | 145.1        | 5.5                          | 5.7                | 3.5              | 11.9        | —          | 15.4        |
| December .....    | 25.1                         | 26.4               | 14.8             | 107.4        | 28.4        | 150.7        | 5.8                          | 6.0                | 3.5              | 12.6        | —          | 16.1        |
| <b>1997</b> ..... | <b>25.0</b>                  | <b>26.4</b>        | <b>16.4</b>      | <b>110.9</b> | <b>26.4</b> | <b>153.7</b> | <b>5.7</b>                   | <b>5.9</b>         | <b>3.9</b>       | <b>12.7</b> | <b>W</b>   | <b>16.6</b> |
| <b>1998</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |            |             |
| January .....     | 22.8                         | 24.0               | 12.1             | 100.6        | 30.2        | 142.9        | 5.5                          | 5.7                | 3.1              | 11.5        | —          | 14.6        |
| February .....    | 24.4                         | 25.5               | 12.7             | 104.6        | 29.7        | 147.1        | 5.5                          | 5.7                | 3.3              | 11.7        | —          | 15.0        |
| March .....       | 26.0                         | 27.2               | 13.5             | 108.9        | 27.7        | 150.1        | 6.0                          | 6.1                | 3.3              | 12.4        | —          | 15.7        |
| April .....       | 24.2                         | 25.4               | 14.2             | 112.5        | 36.1        | 162.8        | 5.5                          | 5.7                | 3.4              | 12.5        | —          | 15.9        |
| May .....         | 24.8                         | 25.9               | 14.5             | 113.8        | 32.7        | 160.9        | 5.7                          | 5.8                | 3.5              | 12.6        | —          | 16.1        |
| June .....        | 25.2                         | 26.4               | 14.7             | 119.3        | 35.2        | 169.2        | 5.8                          | 6.0                | 3.6              | 13.0        | W          | 16.6        |
| July .....        | 27.4                         | 28.5               | 14.6             | 121.4        | 30.6        | 166.6        | 6.4                          | 6.6                | 3.5              | 13.4        | —          | 16.9        |
| August .....      | 27.1                         | 28.4               | 14.3             | 116.9        | 28.2        | 159.5        | 6.4                          | 6.5                | 3.5              | 12.9        | —          | 16.5        |
| September .....   | 25.7                         | 26.9               | 13.5             | 113.6        | 23.7        | 150.8        | 6.1                          | 6.3                | 3.3              | 12.5        | —          | 15.8        |
| October .....     | 26.6                         | 27.9               | 14.5             | 113.0        | 22.8        | 150.3        | 6.5                          | 6.6                | 3.5              | 12.7        | —          | 16.1        |
| November .....    | 25.2                         | 26.4               | 12.7             | 107.4        | 22.8        | 142.9        | 6.1                          | 6.3                | 3.2              | 12.1        | —          | 15.2        |
| December .....    | 25.5                         | 26.5               | 12.8             | 111.2        | 26.0        | 150.0        | 6.2                          | 6.4                | 3.2              | 12.3        | —          | 15.5        |
| <b>1998</b> ..... | <b>25.4</b>                  | <b>26.6</b>        | <b>13.7</b>      | <b>112.0</b> | <b>28.8</b> | <b>154.5</b> | <b>6.0</b>                   | <b>6.1</b>         | <b>3.4</b>       | <b>12.5</b> | <b>W</b>   | <b>15.8</b> |
| <b>1999</b>       |                              |                    |                  |              |             |              |                              |                    |                  |             |            |             |
| January .....     | 22.9                         | 23.7               | 11.3             | 96.2         | 18.7        | 126.2        | 6.2                          | 6.3                | 2.9              | 10.7        | —          | 13.7        |
| February .....    | 24.4                         | 25.4               | 12.3             | 105.3        | 21.6        | 139.3        | 6.2                          | 6.3                | 3.2              | 11.8        | —          | 15.0        |
| March .....       | 25.0                         | 26.1               | 13.2             | 113.4        | 27.1        | 153.7        | 6.2                          | 6.3                | 3.3              | 12.5        | —          | 15.8        |
| April .....       | 26.6                         | 27.7               | 15.3             | 118.6        | 35.8        | 169.6        | 6.2                          | 6.3                | 3.5              | 12.4        | —          | 15.8        |
| May .....         | 26.2                         | 27.3               | 14.6             | 117.8        | 31.1        | 163.6        | 6.3                          | 6.4                | 3.3              | 12.2        | —          | 15.6        |
| June .....        | 26.3                         | 27.2               | W                | 124.6        | 25.2        | 164.4        | 6.2                          | 6.3                | 3.3              | W           | —          | 16.2        |
| July .....        | 25.6                         | 26.6               | W                | 126.3        | 20.1        | 161.0        | 6.1                          | 6.2                | 3.3              | W           | —          | 16.1        |
| August .....      | 25.3                         | 26.3               | W                | 125.3        | 18.9        | 158.9        | 5.8                          | 5.9                | 3.2              | W           | —          | 15.6        |
| September .....   | 24.3                         | 25.4               | 14.0             | 121.6        | 21.3        | 156.9        | 5.6                          | 5.7                | 3.0              | 12.0        | —          | 15.0        |
| October .....     | 24.6                         | 25.6               | 12.2             | 117.8        | 23.9        | 153.9        | 5.6                          | 5.7                | 2.8              | 11.7        | —          | 14.5        |
| November .....    | 23.5                         | 24.5               | 11.9             | 116.9        | 26.7        | 155.5        | 5.2                          | 5.3                | 2.7              | 12.0        | —          | 14.6        |
| December .....    | 25.3                         | 26.4               | 12.5             | 124.5        | 28.5        | 165.6        | 5.6                          | 5.7                | 2.8              | 12.7        | —          | 15.5        |
| <b>1999</b> ..... | <b>25.0</b>                  | <b>26.0</b>        | <b>13.4</b>      | <b>117.4</b> | <b>24.9</b> | <b>155.8</b> | <b>5.9</b>                   | <b>6.0</b>         | <b>3.1</b>       | <b>12.2</b> | <b>—</b>   | <b>15.3</b> |

See footnotes at end of table.

**Table 9. U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

| Year<br>Month     | Premium                      |                    |                  |             |            |             | All Grades                   |                    |                  |              |             |              |
|-------------------|------------------------------|--------------------|------------------|-------------|------------|-------------|------------------------------|--------------------|------------------|--------------|-------------|--------------|
|                   | Sales to End Users           |                    | Sales for Resale |             |            |             | Sales to End Users           |                    | Sales for Resale |              |             |              |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack        | Bulk       | Total       | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack         | Bulk        | Total        |
| <b>1994</b> ..... | <b>8.5</b>                   | <b>8.9</b>         | <b>16.5</b>      | <b>28.0</b> | <b>2.8</b> | <b>47.2</b> | <b>45.8</b>                  | <b>47.9</b>        | <b>62.7</b>      | <b>156.0</b> | <b>25.8</b> | <b>244.5</b> |
| <b>1995</b> ..... | <b>6.2</b>                   | <b>6.4</b>         | <b>7.7</b>       | <b>25.1</b> | <b>2.9</b> | <b>35.6</b> | <b>36.2</b>                  | <b>38.0</b>        | <b>32.1</b>      | <b>143.8</b> | <b>28.9</b> | <b>204.8</b> |
| <b>1996</b> ..... | <b>4.9</b>                   | <b>5.1</b>         | <b>5.8</b>       | <b>22.5</b> | <b>2.5</b> | <b>30.8</b> | <b>34.7</b>                  | <b>36.5</b>        | <b>28.1</b>      | <b>143.8</b> | <b>29.6</b> | <b>201.5</b> |
| <b>1997</b>       |                              |                    |                  |             |            |             |                              |                    |                  |              |             |              |
| January .....     | 3.9                          | 4.1                | 4.7              | 19.2        | 2.4        | 26.3        | 29.2                         | 31.1               | 23.2             | 129.0        | 28.8        | 181.0        |
| February .....    | 4.1                          | 4.3                | 4.9              | 19.8        | 2.0        | 26.7        | 31.3                         | 33.2               | 24.1             | 134.7        | 33.2        | 191.9        |
| March .....       | 4.6                          | 4.8                | 5.2              | W           | 2.4        | 28.4        | 34.1                         | 36.0               | 26.0             | 139.3        | 30.2        | 195.5        |
| April .....       | 4.8                          | 5.0                | 5.5              | 22.1        | 2.5        | 30.1        | 35.7                         | 37.9               | 27.9             | 146.7        | 29.4        | 204.0        |
| May .....         | 4.8                          | 5.0                | 5.6              | 22.6        | 2.1        | 30.3        | 35.2                         | 36.9               | 27.4             | 148.3        | 28.4        | 204.1        |
| June .....        | 5.1                          | 5.3                | 5.6              | 23.0        | 2.8        | 31.4        | 36.5                         | 38.2               | 27.4             | 151.7        | 24.8        | 204.0        |
| July .....        | 5.4                          | 5.7                | 5.5              | 25.0        | 1.9        | 32.4        | 39.7                         | 41.3               | 26.8             | 162.8        | 27.0        | 216.6        |
| August .....      | 5.0                          | 5.2                | 5.2              | 23.5        | 2.6        | 31.3        | 38.5                         | 40.2               | 26.5             | 156.9        | 27.3        | 210.7        |
| September .....   | 4.8                          | 5.0                | 4.8              | 21.7        | 2.5        | 29.0        | 37.3                         | 39.0               | 24.7             | 147.5        | 28.4        | 200.6        |
| October .....     | 4.9                          | 5.2                | 4.9              | 22.3        | 2.8        | 29.9        | 37.0                         | 38.9               | 24.4             | 149.2        | 29.5        | 203.0        |
| November .....    | 4.7                          | 5.0                | 4.7              | 20.9        | 2.7        | 28.3        | 34.6                         | 36.1               | 22.9             | 137.7        | 28.2        | 188.7        |
| December .....    | 5.1                          | 5.3                | 4.8              | 22.2        | 3.0        | 30.0        | 36.0                         | 37.7               | 23.1             | 142.2        | 31.4        | 196.8        |
| <b>1997</b> ..... | <b>4.8</b>                   | <b>5.0</b>         | <b>5.1</b>       | <b>21.9</b> | <b>2.5</b> | <b>29.5</b> | <b>35.4</b>                  | <b>37.2</b>        | <b>25.4</b>      | <b>145.6</b> | <b>28.9</b> | <b>199.8</b> |
| <b>1998</b>       |                              |                    |                  |             |            |             |                              |                    |                  |              |             |              |
| January .....     | 4.8                          | 5.0                | 4.2              | 21.1        | 2.5        | 27.7        | 33.2                         | 34.7               | 19.4             | 133.1        | 32.7        | 185.2        |
| February .....    | 5.1                          | 5.3                | 4.4              | 21.6        | 1.7        | 27.8        | 35.0                         | 36.5               | 20.4             | 137.9        | 31.5        | 189.8        |
| March .....       | 5.6                          | 5.8                | 4.7              | 23.1        | 2.0        | 29.8        | 37.6                         | 39.1               | 21.5             | 144.4        | 29.7        | 195.5        |
| April .....       | 5.1                          | 5.4                | 4.8              | 23.7        | 3.1        | 31.6        | 34.9                         | 36.4               | 22.5             | 148.7        | 39.1        | 210.3        |
| May .....         | 5.2                          | 5.4                | 4.9              | 24.3        | 3.0        | 32.2        | 35.7                         | 37.2               | 22.9             | 150.7        | 35.7        | 209.3        |
| June .....        | 5.3                          | 5.5                | W                | 25.5        | 3.4        | 33.9        | 36.4                         | 37.9               | 23.3             | 157.8        | 38.6        | 219.7        |
| July .....        | 5.8                          | 6.1                | 5.0              | 26.9        | 2.6        | 34.5        | 39.6                         | 41.1               | 23.2             | 161.7        | 33.2        | 218.1        |
| August .....      | 5.9                          | 6.2                | 5.0              | 26.2        | 2.9        | 34.1        | 39.4                         | 41.1               | 22.9             | 156.0        | 31.1        | 210.0        |
| September .....   | 5.7                          | 6.0                | 4.8              | 25.5        | 2.6        | 32.8        | 37.6                         | 39.2               | 21.6             | 151.6        | 26.3        | 199.5        |
| October .....     | 5.8                          | 6.0                | 4.9              | 24.8        | 2.4        | 32.0        | 38.9                         | 40.5               | 22.8             | 150.4        | 25.2        | 198.5        |
| November .....    | 5.7                          | 5.9                | 4.5              | 24.3        | 3.0        | 31.8        | 37.1                         | 38.5               | 20.4             | 143.8        | 25.8        | 189.9        |
| December .....    | 6.0                          | 6.3                | 4.7              | 26.5        | 3.4        | 34.5        | 37.8                         | 39.1               | 20.7             | 149.9        | 29.4        | 200.0        |
| <b>1998</b> ..... | <b>5.5</b>                   | <b>5.7</b>         | <b>4.7</b>       | <b>W</b>    | <b>2.7</b> | <b>31.9</b> | <b>36.9</b>                  | <b>38.5</b>        | <b>21.8</b>      | <b>148.9</b> | <b>31.5</b> | <b>202.2</b> |
| <b>1999</b>       |                              |                    |                  |             |            |             |                              |                    |                  |              |             |              |
| January .....     | 5.7                          | 5.9                | 4.2              | 23.3        | 4.0        | 31.5        | 34.7                         | 35.8               | 18.5             | 130.2        | 22.7        | 171.4        |
| February .....    | 5.8                          | 6.0                | 4.7              | 25.2        | 3.8        | 33.6        | 36.4                         | 37.7               | 20.2             | 142.3        | 25.4        | 187.9        |
| March .....       | 5.5                          | 5.7                | 4.7              | 26.2        | 3.8        | 34.8        | 36.6                         | 38.1               | 21.3             | 152.2        | 30.9        | 204.3        |
| April .....       | 5.2                          | 5.4                | 4.7              | 24.2        | 4.4        | 33.3        | 38.0                         | 39.4               | 23.4             | 155.2        | 40.2        | 218.8        |
| May .....         | 5.2                          | 5.4                | 4.6              | 24.5        | 3.8        | 32.8        | 37.8                         | 39.1               | 22.5             | 154.5        | 34.9        | 212.0        |
| June .....        | 5.3                          | 5.4                | 4.6              | 26.3        | 4.6        | 35.4        | 37.8                         | 39.0               | 22.4             | 163.8        | 29.8        | 215.9        |
| July .....        | 5.1                          | 5.2                | 4.5              | 25.9        | 3.9        | 34.3        | 36.8                         | 38.0               | 22.3             | 165.1        | 24.0        | 211.4        |
| August .....      | 4.7                          | 4.9                | 4.4              | 24.7        | 3.5        | 32.5        | 35.8                         | 37.1               | 22.3             | 162.4        | 22.4        | 207.1        |
| September .....   | 4.5                          | 4.7                | 4.1              | 22.8        | 4.0        | 30.9        | 34.3                         | 35.7               | 21.1             | 156.4        | 25.3        | 202.8        |
| October .....     | 4.5                          | 4.7                | 3.8              | 21.5        | 3.5        | 28.8        | 34.7                         | 36.0               | 18.8             | 151.0        | 27.5        | 197.2        |
| November .....    | 4.3                          | 4.4                | 3.6              | 22.0        | 3.1        | 28.7        | 33.0                         | 34.3               | 18.2             | 150.9        | 29.8        | 198.9        |
| December .....    | 4.5                          | 4.7                | 3.8              | 23.0        | 3.5        | 30.2        | 35.4                         | 36.8               | 19.1             | 160.2        | 32.0        | 211.3        |
| <b>1999</b> ..... | <b>5.0</b>                   | <b>5.2</b>         | <b>4.3</b>       | <b>24.1</b> | <b>3.8</b> | <b>32.2</b> | <b>35.9</b>                  | <b>37.2</b>        | <b>20.8</b>      | <b>153.7</b> | <b>28.7</b> | <b>203.3</b> |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Regular                      |                      |                  |             |             |             | Midgrade                     |                      |                  |             |          |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|----------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |          |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk     | Average     |
| <b>1994</b> ..... | <b>74.3</b>                  | <b>73.9</b>          | <b>66.7</b>      | <b>58.6</b> | <b>52.7</b> | <b>63.2</b> | <b>84.3</b>                  | <b>83.8</b>          | <b>72.7</b>      | <b>62.2</b> | <b>W</b> | <b>69.6</b> |
| <b>1995</b> ..... | <b>76.7</b>                  | <b>76.5</b>          | <b>70.9</b>      | <b>63.0</b> | <b>59.2</b> | <b>66.5</b> | <b>83.4</b>                  | <b>83.3</b>          | <b>75.0</b>      | <b>65.9</b> | <b>—</b> | <b>71.3</b> |
| <b>1996</b> ..... | <b>87.0</b>                  | <b>86.7</b>          | <b>78.4</b>      | <b>71.8</b> | <b>W</b>    | <b>74.6</b> | <b>94.0</b>                  | <b>93.9</b>          | <b>83.2</b>      | <b>73.8</b> | <b>—</b> | <b>79.3</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |          |             |
| January .....     | 88.7                         | 88.6                 | 80.0             | 77.2        | —           | 78.3        | 99.7                         | 99.7                 | W                | 80.3        | —        | 82.7        |
| February .....    | 91.3                         | 91.1                 | 85.0             | 77.7        | —           | 80.7        | 100.9                        | 100.9                | W                | 80.7        | —        | 85.0        |
| March .....       | 92.4                         | 92.1                 | 86.4             | 75.4        | —           | 80.4        | 100.7                        | 100.7                | 90.9             | 76.7        | —        | 85.5        |
| April .....       | 88.7                         | 88.4                 | 82.1             | 69.4        | —           | 72.3        | 95.5                         | 95.5                 | W                | 70.4        | —        | 75.8        |
| May .....         | 89.3                         | 89.2                 | 82.5             | 75.4        | —           | 78.0        | 96.8                         | 96.8                 | W                | 76.2        | —        | 82.1        |
| June .....        | 88.0                         | 87.8                 | 80.1             | 71.6        | —           | 74.7        | 96.0                         | 95.9                 | W                | 72.9        | —        | 78.0        |
| July .....        | 85.0                         | 84.9                 | 75.1             | 71.1        | —           | 72.5        | 93.2                         | 93.2                 | W                | 72.9        | —        | 76.4        |
| August .....      | 87.6                         | 87.5                 | 79.9             | 77.7        | —           | 78.4        | 96.5                         | 96.4                 | W                | 79.5        | —        | 81.8        |
| September .....   | 91.5                         | 91.3                 | 85.4             | 75.0        | —           | 78.6        | 100.0                        | 100.0                | W                | 78.7        | —        | 82.9        |
| October .....     | 90.2                         | 89.9                 | 84.6             | 71.8        | —           | 76.0        | 98.7                         | 98.6                 | W                | 74.6        | —        | 79.7        |
| November .....    | 87.7                         | 87.5                 | 81.7             | 70.1        | —           | 74.2        | 97.8                         | 97.8                 | W                | 73.2        | —        | 78.6        |
| December .....    | 83.5                         | 83.4                 | 76.5             | 64.7        | —           | 68.8        | 94.7                         | 94.7                 | W                | 68.0        | —        | 74.0        |
| <b>1997</b> ..... | <b>88.6</b>                  | <b>88.4</b>          | <b>81.6</b>      | <b>72.5</b> | <b>—</b>    | <b>75.8</b> | <b>98.0</b>                  | <b>98.0</b>          | <b>86.6</b>      | <b>75.0</b> | <b>—</b> | <b>80.1</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |          |             |
| January .....     | 77.8                         | 77.7                 | 71.3             | 59.2        | —           | 63.4        | 88.6                         | 88.6                 | W                | 61.0        | —        | 66.9        |
| February .....    | 70.8                         | 70.7                 | 64.1             | 57.7        | —           | 60.0        | 80.7                         | 80.7                 | W                | 59.6        | —        | 63.5        |
| March .....       | 65.7                         | 65.7                 | 56.3             | 55.8        | —           | 56.0        | 76.0                         | 75.9                 | W                | 57.1        | —        | 59.6        |
| April .....       | 66.6                         | 66.6                 | 58.8             | 57.2        | —           | 57.8        | 75.9                         | 75.9                 | W                | 58.2        | —        | 60.4        |
| May .....         | 71.7                         | 71.6                 | 64.4             | 60.6        | —           | 61.9        | 80.2                         | 80.2                 | W                | 61.4        | —        | 64.5        |
| June .....        | 73.6                         | 73.5                 | 64.7             | 59.2        | —           | 61.0        | 82.1                         | 82.1                 | W                | 60.3        | —        | 63.5        |
| July .....        | 72.2                         | 72.1                 | 63.9             | 58.5        | —           | 60.4        | 81.3                         | 81.3                 | W                | 59.5        | —        | 62.7        |
| August .....      | 68.3                         | 68.2                 | 61.4             | 53.6        | —           | 56.4        | 77.2                         | 77.2                 | W                | 54.7        | —        | 58.9        |
| September .....   | 67.4                         | 67.3                 | 61.0             | 53.8        | —           | 56.6        | 76.6                         | 76.5                 | W                | 55.2        | —        | 59.3        |
| October .....     | 69.7                         | 69.5                 | 60.2             | 54.0        | —           | 56.1        | 78.6                         | 78.6                 | 66.9             | 55.9        | —        | 59.7        |
| November .....    | 62.9                         | 62.7                 | 59.0             | 49.9        | —           | 53.1        | 73.0                         | 73.0                 | W                | 51.1        | —        | 56.6        |
| December .....    | 59.9                         | 59.8                 | 56.2             | 44.3        | —           | 48.6        | 69.1                         | 69.3                 | W                | 45.1        | —        | 51.6        |
| <b>1998</b> ..... | <b>68.8</b>                  | <b>68.7</b>          | <b>61.5</b>      | <b>54.5</b> | <b>—</b>    | <b>57.1</b> | <b>78.3</b>                  | <b>78.3</b>          | <b>68.1</b>      | <b>56.1</b> | <b>—</b> | <b>60.2</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |          |             |
| January .....     | 58.8                         | 58.7                 | 55.2             | 46.3        | —           | 49.8        | 69.1                         | 69.1                 | 61.5             | 47.8        | —        | 53.6        |
| February .....    | 56.5                         | 56.5                 | 52.2             | 46.2        | —           | 48.7        | 67.4                         | 67.4                 | W                | 47.8        | —        | 52.7        |
| March .....       | 68.0                         | 67.9                 | 62.5             | 56.2        | —           | 59.2        | 77.7                         | 77.6                 | W                | 56.3        | —        | 61.5        |
| April .....       | 83.7                         | 83.6                 | NA               | 63.3        | —           | NA          | 89.8                         | 89.7                 | 86.1             | 63.5        | —        | 68.1        |
| May .....         | 81.1                         | 81.0                 | 81.2             | 62.0        | —           | 68.5        | 87.5                         | 87.4                 | W                | 62.4        | —        | 65.9        |
| June .....        | 79.4                         | 79.4                 | W                | 61.1        | —           | 66.5        | 86.3                         | 86.3                 | W                | 61.8        | —        | 64.8        |
| July .....        | 84.3                         | 84.3                 | W                | 68.1        | —           | 73.5        | 90.6                         | 90.6                 | W                | W           | —        | 71.8        |
| August .....      | 91.1                         | 91.1                 | W                | 73.9        | —           | 79.5        | 97.3                         | 97.3                 | W                | 74.2        | —        | 77.5        |
| September .....   | 93.5                         | 93.5                 | 88.1             | 77.4        | —           | 81.0        | 101.6                        | 101.5                | W                | 77.9        | —        | 80.9        |
| October .....     | 88.1                         | 88.1                 | 84.2             | 74.2        | —           | 78.3        | 98.1                         | 98.0                 | W                | 73.5        | —        | 78.9        |
| November .....    | 89.6                         | 89.6                 | 83.9             | 76.8        | —           | 79.4        | 99.9                         | 99.9                 | W                | 77.1        | —        | 81.4        |
| December .....    | 91.0                         | 91.0                 | 86.4             | 77.4        | —           | 80.6        | 101.4                        | 101.3                | W                | 77.8        | —        | 82.7        |
| <b>1999</b> ..... | <b>78.9</b>                  | <b>78.8</b>          | <b>75.0</b>      | <b>65.2</b> | <b>—</b>    | <b>68.9</b> | <b>87.4</b>                  | <b>87.3</b>          | <b>78.3</b>      | <b>66.3</b> | <b>—</b> | <b>70.0</b> |

See footnotes at end of table.

**Table 10. U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month     | Premium                      |                      |                  |             |             |             | All Grades                   |                      |                  |             |             |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |             |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     |
| <b>1994</b> ..... | <b>92.9</b>                  | <b>92.4</b>          | <b>79.9</b>      | <b>67.5</b> | <b>56.7</b> | <b>76.5</b> | <b>79.3</b>                  | <b>78.8</b>          | <b>71.5</b>      | <b>60.7</b> | <b>53.5</b> | <b>67.5</b> |
| <b>1995</b> ..... | <b>94.6</b>                  | <b>94.3</b>          | <b>84.7</b>      | <b>72.4</b> | <b>W</b>    | <b>79.1</b> | <b>80.4</b>                  | <b>80.2</b>          | <b>74.2</b>      | <b>64.7</b> | <b>59.5</b> | <b>69.1</b> |
| <b>1996</b> ..... | <b>103.7</b>                 | <b>103.5</b>         | <b>90.7</b>      | <b>80.0</b> | <b>58.3</b> | <b>85.5</b> | <b>90.2</b>                  | <b>90.0</b>          | <b>81.1</b>      | <b>73.1</b> | <b>W</b>    | <b>76.8</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 108.5                        | 108.3                | 93.2             | W           | —           | 89.1        | 92.8                         | 92.6                 | 82.5             | 78.5        | —           | 80.2        |
| February .....    | 110.9                        | 110.6                | 98.1             | W           | —           | 91.9        | 94.9                         | 94.7                 | 87.4             | 79.0        | —           | 82.6        |
| March .....       | 111.0                        | 110.6                | 100.2            | 82.6        | —           | 92.5        | 95.5                         | 95.2                 | 89.1             | 76.3        | —           | 82.5        |
| April .....       | 104.2                        | 104.2                | 94.7             | W           | —           | 79.9        | 91.1                         | 90.9                 | 84.0             | 70.1        | —           | 73.5        |
| May .....         | 105.5                        | 105.5                | 98.4             | W           | —           | 86.6        | 91.7                         | 91.6                 | 84.7             | 76.0        | —           | 79.3        |
| June .....        | 104.7                        | 104.7                | 93.2             | W           | —           | 82.2        | 90.4                         | 90.3                 | 81.9             | 72.3        | —           | 75.8        |
| July .....        | 101.8                        | 101.8                | 88.5             | W           | —           | 79.6        | 87.6                         | 87.5                 | 77.0             | 71.9        | —           | 73.7        |
| August .....      | 105.1                        | 104.9                | 92.6             | W           | —           | 85.7        | 90.3                         | 90.1                 | 81.6             | 78.4        | —           | 79.5        |
| September .....   | 108.5                        | 108.1                | 97.7             | W           | —           | 87.4        | 94.0                         | 93.7                 | 87.2             | 76.2        | —           | 80.1        |
| October .....     | 107.7                        | 107.2                | 97.5             | W           | —           | 87.0        | 92.9                         | 92.6                 | 86.7             | 73.0        | —           | 77.6        |
| November .....    | 107.3                        | 107.0                | 95.0             | W           | —           | 85.7        | 91.4                         | 91.1                 | 84.0             | 71.5        | —           | 76.0        |
| December .....    | 104.1                        | 104.1                | 90.3             | W           | —           | 80.5        | 87.5                         | 87.3                 | 79.0             | 66.0        | —           | 70.8        |
| <b>1997</b> ..... | <b>107.3</b>                 | <b>107.1</b>         | <b>95.1</b>      | <b>80.5</b> | <b>—</b>    | <b>86.4</b> | <b>91.8</b>                  | <b>91.6</b>          | <b>84.0</b>      | <b>73.6</b> | <b>—</b>    | <b>77.5</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 98.3                         | 98.3                 | 85.3             | W           | —           | 74.5        | 81.8                         | 81.7                 | 73.9             | 60.4        | —           | 65.2        |
| February .....    | 90.5                         | 90.4                 | 78.5             | W           | —           | 71.1        | 74.2                         | 74.1                 | 66.8             | 58.8        | —           | 61.7        |
| March .....       | 84.6                         | 84.6                 | 70.8             | W           | —           | 66.9        | 68.5                         | 68.5                 | 59.1             | 56.7        | —           | 57.8        |
| April .....       | 85.1                         | 85.1                 | 75.1             | W           | —           | 67.8        | 69.3                         | 69.2                 | 61.3             | 57.9        | —           | 59.0        |
| May .....         | 89.1                         | 89.1                 | 80.6             | W           | —           | 72.0        | 74.2                         | 74.1                 | 67.0             | 61.1        | —           | 63.2        |
| June .....        | 90.7                         | 90.7                 | 79.6             | W           | —           | 69.9        | 76.1                         | 76.0                 | 67.1             | 59.8        | —           | 62.1        |
| July .....        | 89.1                         | 89.1                 | 78.5             | W           | —           | 70.5        | 74.8                         | 74.6                 | 66.4             | 59.1        | —           | 61.6        |
| August .....      | 84.9                         | 84.9                 | 75.5             | W           | —           | 66.8        | 70.9                         | 70.7                 | 64.0             | 54.2        | —           | 57.8        |
| September .....   | 85.3                         | 85.3                 | 75.9             | W           | —           | 68.1        | 70.2                         | 70.1                 | 63.9             | 54.7        | —           | 58.3        |
| October .....     | 87.5                         | 87.5                 | 73.1             | 62.1        | —           | 67.3        | 72.8                         | 72.6                 | 63.5             | 55.2        | —           | 58.2        |
| November .....    | 81.4                         | 81.4                 | 72.1             | W           | —           | 65.6        | 66.9                         | 66.7                 | 62.5             | 51.4        | —           | 55.6        |
| December .....    | 78.2                         | 78.1                 | 69.8             | W           | —           | 60.7        | 63.7                         | 63.6                 | 59.3             | 45.5        | —           | 50.7        |
| <b>1998</b> ..... | <b>87.0</b>                  | <b>87.0</b>          | <b>75.0</b>      | <b>61.7</b> | <b>—</b>    | <b>67.6</b> | <b>72.0</b>                  | <b>71.9</b>          | <b>64.3</b>      | <b>55.5</b> | <b>—</b>    | <b>58.7</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 80.1                         | 80.0                 | 69.5             | 55.3        | —           | 61.6        | 63.1                         | 63.0                 | 58.4             | 47.7        | —           | 51.9        |
| February .....    | 77.6                         | 77.6                 | 66.4             | W           | —           | 61.1        | 60.7                         | 60.6                 | 55.3             | 47.6        | —           | 50.9        |
| March .....       | 88.5                         | 88.5                 | 76.4             | W           | —           | 71.4        | 71.7                         | 71.6                 | 65.4             | 57.1        | —           | 61.1        |
| April .....       | 98.8                         | 98.8                 | 94.6             | 71.2        | —           | 81.3        | 85.5                         | 85.4                 | 87.6             | 63.8        | —           | NA          |
| May .....         | 96.3                         | 96.3                 | 91.9             | W           | —           | 76.9        | 83.0                         | 83.0                 | 82.2             | 62.5        | —           | 68.7        |
| June .....        | 94.6                         | 94.6                 | 90.3             | W           | —           | 76.2        | 81.4                         | 81.4                 | 79.5             | 61.8        | —           | 67.0        |
| July .....        | 97.0                         | 97.0                 | 96.1             | 75.3        | —           | 83.0        | 86.0                         | 86.0                 | 85.9             | 68.7        | —           | 74.0        |
| August .....      | 105.1                        | 105.1                | 102.6            | W           | —           | 88.8        | 92.9                         | 92.8                 | 92.4             | 74.5        | —           | 79.9        |
| September .....   | 110.5                        | 110.5                | 99.7             | W           | —           | 91.4        | 95.7                         | 95.6                 | 89.6             | 78.1        | —           | 81.9        |
| October .....     | 107.4                        | 107.4                | 97.6             | W           | —           | 91.3        | 90.9                         | 90.8                 | 86.4             | 75.0        | —           | 79.7        |
| November .....    | 110.1                        | 110.0                | 98.1             | W           | —           | 91.4        | 93.3                         | 93.3                 | 86.5             | 78.0        | —           | 81.0        |
| December .....    | 111.3                        | 111.2                | 101.1            | W           | —           | 93.0        | 94.7                         | 94.7                 | 89.1             | 78.5        | —           | 82.3        |
| <b>1999</b> ..... | <b>95.3</b>                  | <b>95.3</b>          | <b>85.2</b>      | <b>72.8</b> | <b>—</b>    | <b>78.3</b> | <b>81.6</b>                  | <b>81.6</b>          | <b>76.7</b>      | <b>66.1</b> | <b>—</b>    | <b>70.1</b> |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

| Year<br>Month     | Regular                      |                    |                  |            |            |             | Midgrade                     |                    |                  |            |          |            |
|-------------------|------------------------------|--------------------|------------------|------------|------------|-------------|------------------------------|--------------------|------------------|------------|----------|------------|
|                   | Sales to End Users           |                    | Sales for Resale |            |            |             | Sales to End Users           |                    | Sales for Resale |            |          |            |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk       | Total       | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk     | Total      |
| <b>1994</b> ..... | <b>4.0</b>                   | <b>4.1</b>         | <b>9.4</b>       | <b>5.2</b> | <b>0.9</b> | <b>15.5</b> | <b>0.7</b>                   | <b>0.7</b>         | <b>2.1</b>       | <b>0.8</b> | <b>W</b> | <b>2.9</b> |
| <b>1995</b> ..... | <b>2.5</b>                   | <b>2.5</b>         | <b>3.8</b>       | <b>W</b>   | <b>W</b>   | <b>8.1</b>  | <b>0.5</b>                   | <b>0.5</b>         | <b>0.8</b>       | <b>0.5</b> | <b>—</b> | <b>1.3</b> |
| <b>1996</b> ..... | <b>2.4</b>                   | <b>2.5</b>         | <b>2.6</b>       | <b>2.9</b> | <b>W</b>   | <b>5.6</b>  | <b>0.5</b>                   | <b>0.5</b>         | <b>0.5</b>       | <b>0.4</b> | <b>—</b> | <b>0.9</b> |
| <b>1997</b>       |                              |                    |                  |            |            |             |                              |                    |                  |            |          |            |
| January .....     | 3.7                          | 3.7                | 2.9              | 4.5        | —          | 7.4         | 0.8                          | 0.8                | W                | 0.5        | —        | 1.1        |
| February .....    | 3.6                          | 3.7                | 2.9              | 4.2        | —          | 7.1         | 0.7                          | 0.7                | W                | 0.5        | —        | 1.0        |
| March .....       | 2.1                          | 2.1                | 1.9              | 2.3        | —          | 4.1         | 0.4                          | 0.4                | 0.4              | 0.2        | —        | 0.6        |
| April .....       | 0.9                          | 0.9                | 0.5              | 1.6        | —          | 2.1         | 0.2                          | 0.2                | W                | 0.2        | —        | 0.3        |
| May .....         | 1.3                          | 1.4                | 1.0              | 1.7        | —          | 2.7         | 0.2                          | 0.2                | W                | 0.2        | —        | 0.3        |
| June .....        | 1.5                          | 1.6                | 1.0              | 1.8        | —          | 2.8         | 0.3                          | 0.3                | W                | 0.2        | —        | 0.4        |
| July .....        | 1.3                          | 1.4                | 1.0              | 1.8        | —          | 2.8         | 0.2                          | 0.2                | W                | 0.2        | —        | 0.4        |
| August .....      | 1.3                          | 1.4                | 1.0              | 1.9        | —          | 2.8         | 0.2                          | 0.2                | W                | 0.2        | —        | 0.4        |
| September .....   | 1.6                          | 1.6                | 1.3              | 2.4        | —          | 3.7         | 0.2                          | 0.2                | W                | 0.4        | —        | 0.6        |
| October .....     | 2.1                          | 2.2                | 2.0              | 4.2        | —          | 6.3         | 0.4                          | 0.4                | W                | 0.7        | —        | 1.1        |
| November .....    | 3.1                          | 3.2                | 2.9              | 5.3        | —          | 8.2         | 0.7                          | 0.7                | W                | 0.8        | —        | 1.3        |
| December .....    | 3.4                          | 3.4                | 3.0              | 5.6        | —          | 8.6         | 0.7                          | 0.7                | W                | 0.8        | —        | 1.3        |
| <b>1997</b> ..... | <b>2.2</b>                   | <b>2.2</b>         | <b>1.8</b>       | <b>3.1</b> | <b>—</b>   | <b>4.9</b>  | <b>0.4</b>                   | <b>0.4</b>         | <b>0.3</b>       | <b>0.4</b> | <b>—</b> | <b>0.7</b> |
| <b>1998</b>       |                              |                    |                  |            |            |             |                              |                    |                  |            |          |            |
| January .....     | 3.0                          | 3.0                | 2.8              | 5.3        | —          | 8.1         | 0.7                          | 0.7                | W                | 0.9        | —        | 1.4        |
| February .....    | 3.0                          | 3.0                | 2.7              | 5.0        | —          | 7.7         | 0.6                          | 0.6                | W                | 0.9        | —        | 1.3        |
| March .....       | 2.4                          | 2.4                | 2.4              | 3.1        | —          | 5.5         | 0.3                          | 0.3                | W                | 0.6        | —        | 1.0        |
| April .....       | 1.7                          | 1.7                | 1.5              | 2.7        | —          | 4.2         | 0.3                          | 0.3                | W                | 0.6        | —        | 0.8        |
| May .....         | 1.6                          | 1.6                | 1.4              | 2.6        | —          | 4.1         | 0.2                          | 0.2                | W                | 0.5        | —        | 0.7        |
| June .....        | 1.6                          | 1.6                | 1.5              | 3.1        | —          | 4.6         | 0.2                          | 0.2                | W                | 0.6        | —        | 0.8        |
| July .....        | 1.5                          | 1.5                | 1.5              | 2.9        | —          | 4.4         | 0.2                          | 0.2                | W                | 0.6        | —        | 0.8        |
| August .....      | 1.5                          | 1.5                | 1.6              | 2.7        | —          | 4.3         | 0.2                          | 0.2                | W                | 0.6        | —        | 0.8        |
| September .....   | 1.6                          | 1.6                | 2.0              | 3.1        | —          | 5.2         | 0.3                          | 0.3                | W                | 0.7        | —        | 1.0        |
| October .....     | 1.6                          | 1.6                | 2.3              | 4.4        | —          | 6.7         | 0.3                          | 0.3                | 0.4              | 0.8        | —        | 1.2        |
| November .....    | 2.5                          | 2.5                | 3.0              | 5.5        | —          | 8.5         | 0.6                          | 0.6                | W                | 0.9        | —        | 1.5        |
| December .....    | 2.5                          | 2.6                | 3.3              | 5.8        | —          | 9.1         | 0.6                          | 0.6                | W                | 0.9        | —        | 1.5        |
| <b>1998</b> ..... | <b>2.0</b>                   | <b>2.1</b>         | <b>2.2</b>       | <b>3.9</b> | <b>—</b>   | <b>6.0</b>  | <b>0.4</b>                   | <b>0.4</b>         | <b>0.4</b>       | <b>0.7</b> | <b>—</b> | <b>1.1</b> |
| <b>1999</b>       |                              |                    |                  |            |            |             |                              |                    |                  |            |          |            |
| January .....     | 2.8                          | 2.8                | 3.3              | 5.3        | —          | 8.6         | 0.6                          | 0.6                | 0.6              | 0.8        | —        | 1.4        |
| February .....    | 2.9                          | 2.9                | 3.7              | 5.2        | —          | 8.9         | 0.6                          | 0.6                | W                | 0.8        | —        | 1.4        |
| March .....       | 2.6                          | 2.6                | 3.4              | 3.8        | —          | 7.2         | 0.4                          | 0.4                | W                | 0.8        | —        | 1.4        |
| April .....       | 1.6                          | 1.6                | NA               | 2.5        | —          | NA          | 0.2                          | 0.2                | 0.2              | 0.7        | —        | 0.8        |
| May .....         | 1.6                          | 1.6                | 1.3              | 2.5        | —          | 3.8         | 0.2                          | 0.2                | W                | 0.7        | —        | 0.8        |
| June .....        | 1.6                          | 1.6                | W                | 2.9        | —          | 4.2         | 0.2                          | 0.2                | W                | 0.8        | —        | 0.9        |
| July .....        | 1.6                          | 1.6                | W                | 2.8        | —          | 4.2         | 0.2                          | 0.2                | W                | W          | —        | 0.9        |
| August .....      | 1.6                          | 1.6                | W                | 2.8        | —          | 4.2         | 0.2                          | 0.2                | W                | 0.7        | —        | 0.8        |
| September .....   | 1.6                          | 1.6                | 1.7              | 3.2        | —          | 4.9         | 0.2                          | 0.2                | W                | 0.7        | —        | 0.9        |
| October .....     | 2.0                          | 2.0                | 3.0              | 4.2        | —          | 7.2         | 0.3                          | 0.3                | W                | 0.8        | —        | 1.2        |
| November .....    | 2.7                          | 2.7                | 3.2              | 5.7        | —          | 8.9         | 0.6                          | 0.6                | W                | 1.0        | —        | 1.5        |
| December .....    | 2.8                          | 2.8                | 3.6              | 6.3        | —          | 9.9         | 0.6                          | 0.6                | W                | 1.2        | —        | 1.7        |
| <b>1999</b> ..... | <b>2.1</b>                   | <b>2.1</b>         | <b>2.4</b>       | <b>3.9</b> | <b>—</b>   | <b>6.3</b>  | <b>0.4</b>                   | <b>0.4</b>         | <b>0.3</b>       | <b>0.8</b> | <b>—</b> | <b>1.2</b> |

See footnotes at end of table.

**Table 11. U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

| Year<br>Month     | Premium                      |                    |                  |            |            |            | All Grades                   |                    |                  |            |            |             |
|-------------------|------------------------------|--------------------|------------------|------------|------------|------------|------------------------------|--------------------|------------------|------------|------------|-------------|
|                   | Sales to End Users           |                    | Sales for Resale |            |            |            | Sales to End Users           |                    | Sales for Resale |            |            |             |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk       | Total      | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk       | Total       |
| <b>1994</b> ..... | <b>1.2</b>                   | <b>1.2</b>         | <b>5.0</b>       | <b>1.4</b> | <b>0.2</b> | <b>6.6</b> | <b>5.9</b>                   | <b>6.1</b>         | <b>16.5</b>      | <b>7.4</b> | <b>1.1</b> | <b>25.0</b> |
| <b>1995</b> ..... | <b>0.5</b>                   | <b>0.5</b>         | <b>1.1</b>       | <b>W</b>   | <b>W</b>   | <b>1.9</b> | <b>3.5</b>                   | <b>3.6</b>         | <b>5.7</b>       | <b>5.1</b> | <b>0.6</b> | <b>11.3</b> |
| <b>1996</b> ..... | <b>0.4</b>                   | <b>0.4</b>         | <b>0.6</b>       | <b>0.5</b> | <b>NA</b>  | <b>1.1</b> | <b>3.4</b>                   | <b>3.4</b>         | <b>3.7</b>       | <b>3.8</b> | <b>W</b>   | <b>7.6</b>  |
| <b>1997</b>       |                              |                    |                  |            |            |            |                              |                    |                  |            |            |             |
| January .....     | 0.6                          | 0.6                | 0.6              | W          | —          | 1.3        | 5.1                          | 5.2                | 4.1              | 5.7        | —          | 9.8         |
| February .....    | 0.5                          | 0.5                | 0.6              | W          | —          | 1.2        | 4.9                          | 5.0                | 4.0              | 5.3        | —          | 9.3         |
| March .....       | 0.3                          | 0.3                | 0.4              | 0.3        | —          | 0.7        | 2.7                          | 2.8                | 2.6              | 2.8        | —          | 5.4         |
| April .....       | 0.1                          | 0.1                | 0.1              | W          | —          | 0.3        | 1.2                          | 1.2                | 0.7              | 2.0        | —          | 2.7         |
| May .....         | 0.1                          | 0.1                | 0.1              | W          | —          | 0.3        | 1.7                          | 1.7                | 1.3              | 2.1        | —          | 3.4         |
| June .....        | 0.2                          | 0.2                | 0.1              | W          | —          | 0.4        | 2.0                          | 2.0                | 1.3              | 2.3        | —          | 3.6         |
| July .....        | 0.2                          | 0.2                | 0.1              | W          | —          | 0.4        | 1.7                          | 1.7                | 1.3              | 2.3        | —          | 3.6         |
| August .....      | 0.1                          | 0.1                | 0.1              | W          | —          | 0.4        | 1.7                          | 1.7                | 1.3              | 2.4        | —          | 3.6         |
| September .....   | 0.2                          | 0.2                | 0.2              | W          | —          | 0.5        | 2.0                          | 2.1                | 1.7              | 3.1        | —          | 4.8         |
| October .....     | 0.3                          | 0.3                | 0.3              | W          | —          | 0.8        | 2.8                          | 2.8                | 2.7              | 5.5        | —          | 8.2         |
| November .....    | 0.4                          | 0.4                | 0.5              | W          | —          | 1.2        | 4.2                          | 4.3                | 3.9              | 6.8        | —          | 10.7        |
| December .....    | 0.5                          | 0.5                | 0.5              | W          | —          | 1.3        | 4.6                          | 4.6                | 4.1              | 7.1        | —          | 11.2        |
| <b>1997</b> ..... | <b>0.3</b>                   | <b>0.3</b>         | <b>0.3</b>       | <b>0.4</b> | —          | <b>0.7</b> | <b>2.9</b>                   | <b>2.9</b>         | <b>2.4</b>       | <b>3.9</b> | —          | <b>6.3</b>  |
| <b>1998</b>       |                              |                    |                  |            |            |            |                              |                    |                  |            |            |             |
| January .....     | 0.4                          | 0.4                | 0.5              | W          | —          | 1.3        | 4.1                          | 4.2                | 3.8              | 6.9        | —          | 10.7        |
| February .....    | 0.4                          | 0.4                | 0.5              | W          | —          | 1.2        | 3.9                          | 4.0                | 3.7              | 6.5        | —          | 10.2        |
| March .....       | 0.2                          | 0.2                | 0.4              | W          | —          | 0.8        | 2.9                          | 3.0                | 3.2              | 4.1        | —          | 7.4         |
| April .....       | 0.2                          | 0.2                | 0.2              | W          | —          | 0.5        | 2.2                          | 2.2                | 1.9              | 3.6        | —          | 5.4         |
| May .....         | 0.2                          | 0.2                | 0.2              | W          | —          | 0.5        | 2.0                          | 2.0                | 1.8              | 3.4        | —          | 5.3         |
| June .....        | 0.2                          | 0.2                | 0.2              | W          | —          | 0.6        | 2.0                          | 2.0                | 1.9              | 4.1        | —          | 6.0         |
| July .....        | 0.2                          | 0.2                | 0.2              | W          | —          | 0.5        | 1.9                          | 2.0                | 2.0              | 3.8        | —          | 5.8         |
| August .....      | 0.2                          | 0.2                | 0.3              | W          | —          | 0.5        | 1.9                          | 1.9                | 2.1              | 3.6        | —          | 5.6         |
| September .....   | 0.2                          | 0.2                | 0.4              | W          | —          | 0.8        | 2.1                          | 2.1                | 2.7              | 4.2        | —          | 6.9         |
| October .....     | 0.2                          | 0.2                | 0.6              | 0.7        | —          | 1.3        | 2.1                          | 2.1                | 3.3              | 5.9        | —          | 9.3         |
| November .....    | 0.4                          | 0.4                | 0.9              | W          | —          | 1.9        | 3.5                          | 3.5                | 4.5              | 7.4        | —          | 11.9        |
| December .....    | 0.4                          | 0.4                | 0.8              | W          | —          | 1.8        | 3.6                          | 3.6                | 4.7              | 7.7        | —          | 12.4        |
| <b>1998</b> ..... | <b>0.3</b>                   | <b>0.3</b>         | <b>0.4</b>       | <b>0.5</b> | —          | <b>1.0</b> | <b>2.7</b>                   | <b>2.7</b>         | <b>3.0</b>       | <b>5.1</b> | —          | <b>8.1</b>  |
| <b>1999</b>       |                              |                    |                  |            |            |            |                              |                    |                  |            |            |             |
| January .....     | 0.5                          | 0.5                | 0.8              | 0.9        | —          | 1.7        | 3.9                          | 3.9                | 4.7              | 7.1        | —          | 11.8        |
| February .....    | 0.5                          | 0.5                | 0.8              | W          | —          | 1.7        | 3.9                          | 3.9                | 5.1              | 6.9        | —          | 12.0        |
| March .....       | 0.4                          | 0.4                | 0.7              | W          | —          | 1.3        | 3.4                          | 3.4                | 4.7              | 5.1        | —          | 9.8         |
| April .....       | 0.1                          | 0.1                | 0.2              | 0.2        | —          | 0.4        | 1.9                          | 1.9                | 2.0              | 3.4        | —          | NA          |
| May .....         | 0.2                          | 0.2                | 0.1              | W          | —          | 0.4        | 1.9                          | 2.0                | 1.6              | 3.5        | —          | 5.0         |
| June .....        | 0.2                          | 0.2                | 0.2              | W          | —          | 0.4        | 2.0                          | 2.0                | 1.6              | 4.0        | —          | 5.6         |
| July .....        | 0.2                          | 0.2                | 0.2              | 0.3        | —          | 0.4        | 2.0                          | 2.0                | 1.7              | 3.8        | —          | 5.5         |
| August .....      | 0.1                          | 0.1                | 0.1              | W          | —          | 0.4        | 1.9                          | 1.9                | 1.6              | 3.7        | —          | 5.3         |
| September .....   | 0.1                          | 0.1                | 0.2              | W          | —          | 0.5        | 1.9                          | 1.9                | 2.1              | 4.3        | —          | 6.4         |
| October .....     | 0.2                          | 0.2                | 0.5              | W          | —          | 0.9        | 2.5                          | 2.5                | 3.8              | 5.5        | —          | 9.3         |
| November .....    | 0.4                          | 0.4                | 0.5              | W          | —          | 1.4        | 3.6                          | 3.6                | 4.2              | 7.5        | —          | 11.8        |
| December .....    | 0.4                          | 0.4                | 0.6              | W          | —          | 1.5        | 3.8                          | 3.8                | 4.7              | 8.4        | —          | 13.1        |
| <b>1999</b> ..... | <b>0.3</b>                   | <b>0.3</b>         | <b>0.4</b>       | <b>0.5</b> | —          | <b>0.9</b> | <b>2.7</b>                   | <b>2.8</b>         | <b>3.2</b>       | <b>5.3</b> | —          | <b>8.4</b>  |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Regular                      |                      |                  |             |             |             | Midgrade                     |                      |                  |             |           |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-----------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |           |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk      | Average     |
| <b>1994</b> ..... | <b>76.4</b>                  | <b>75.8</b>          | <b>72.0</b>      | <b>56.9</b> | <b>54.3</b> | <b>63.8</b> | <b>87.9</b>                  | <b>87.3</b>          | <b>77.0</b>      | <b>62.8</b> | <b>W</b>  | <b>72.8</b> |
| <b>1995</b> ..... | <b>74.9</b>                  | <b>74.4</b>          | <b>70.7</b>      | <b>60.5</b> | <b>57.3</b> | <b>65.0</b> | <b>83.6</b>                  | <b>83.3</b>          | <b>75.3</b>      | <b>65.1</b> | <b>–</b>  | <b>72.3</b> |
| <b>1996</b> ..... | <b>83.4</b>                  | <b>83.0</b>          | <b>78.8</b>      | <b>69.8</b> | <b>67.7</b> | <b>73.8</b> | <b>92.4</b>                  | <b>92.1</b>          | <b>83.7</b>      | <b>74.1</b> | <b>W</b>  | <b>80.9</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 82.4                         | 82.1                 | 77.1             | 74.3        | 73.6        | 75.6        | 92.1                         | 91.8                 | 82.7             | 78.1        | W         | 81.4        |
| February .....    | 82.9                         | 82.6                 | 77.8             | 71.2        | 72.9        | 74.8        | 92.6                         | 92.4                 | 83.1             | 75.2        | W         | 81.0        |
| March .....       | 82.1                         | 81.9                 | 78.4             | 69.9        | 73.4        | 74.6        | 91.8                         | 91.7                 | 83.7             | 74.0        | W         | 81.0        |
| April .....       | 83.0                         | 82.8                 | 80.5             | 68.0        | 69.0        | 74.4        | 92.5                         | 92.4                 | 85.1             | 72.3        | W         | 81.5        |
| May .....         | 82.8                         | 82.5                 | 78.3             | 68.4        | 63.7        | 72.5        | 92.5                         | 92.2                 | 83.8             | 72.6        | W         | 80.6        |
| June .....        | 81.1                         | 80.7                 | 76.4             | 64.1        | 58.3        | 69.4        | 91.1                         | 90.7                 | 81.9             | 68.5        | W         | 78.0        |
| July .....        | 79.6                         | 79.2                 | 73.9             | 64.8        | 59.4        | 68.6        | 89.6                         | 89.2                 | 79.5             | 69.1        | W         | 76.4        |
| August .....      | 84.9                         | 84.7                 | 81.3             | 74.3        | 72.2        | 77.3        | 95.0                         | 94.7                 | 87.1             | 78.5        | W         | 84.5        |
| September .....   | 88.2                         | 87.9                 | 85.0             | 71.6        | 72.5        | 78.3        | 98.1                         | 97.9                 | 90.4             | 75.9        | W         | 86.2        |
| October .....     | 86.4                         | 86.1                 | 82.2             | 67.4        | 67.9        | 74.5        | 96.0                         | 95.8                 | 87.4             | 71.7        | W         | 82.9        |
| November .....    | 83.1                         | 82.8                 | 78.6             | 64.3        | 60.5        | 71.0        | 92.7                         | 92.5                 | 83.7             | 68.6        | W         | 79.4        |
| December .....    | 79.4                         | 79.1                 | 74.5             | 60.7        | 58.7        | 67.0        | 89.3                         | 89.1                 | 79.7             | 65.2        | W         | 75.5        |
| <b>1997</b> ..... | <b>83.0</b>                  | <b>82.8</b>          | <b>78.7</b>      | <b>68.2</b> | <b>66.8</b> | <b>73.1</b> | <b>92.8</b>                  | <b>92.5</b>          | <b>84.0</b>      | <b>72.5</b> | <b>W</b>  | <b>80.7</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 74.2                         | 74.0                 | 69.6             | 56.6        | 55.4        | 62.7        | 83.0                         | 82.8                 | 74.8             | 60.8        | W         | 70.8        |
| February .....    | 67.6                         | 67.4                 | 62.6             | 53.8        | 52.4        | 57.9        | 77.8                         | 77.7                 | 68.0             | 57.9        | W         | 65.1        |
| March .....       | 62.7                         | 62.5                 | 57.5             | 50.9        | 49.9        | 54.0        | 72.9                         | 72.7                 | 63.2             | 55.0        | W         | 60.8        |
| April .....       | 65.9                         | 65.7                 | 59.9             | 54.5        | 54.2        | 57.1        | 75.4                         | 75.3                 | 65.5             | 58.8        | W         | 63.6        |
| May .....         | 71.5                         | 71.2                 | 65.8             | 57.2        | 53.3        | 60.7        | 80.7                         | 80.5                 | 71.3             | 61.5        | W         | 68.5        |
| June .....        | 70.2                         | 69.9                 | 64.8             | 53.6        | 49.4        | 58.5        | 79.9                         | 79.7                 | 70.4             | 58.3        | W         | 66.8        |
| July .....        | 68.3                         | 68.0                 | 62.9             | 51.8        | 47.6        | 56.2        | 78.5                         | 78.3                 | 68.8             | 56.4        | W         | 64.9        |
| August .....      | 66.5                         | 66.2                 | 60.7             | 47.9        | 46.3        | 53.8        | 76.9                         | 76.7                 | 66.5             | 52.5        | W         | 62.1        |
| September .....   | 65.0                         | 64.7                 | 59.4             | 49.0        | 46.0        | 53.4        | 75.4                         | 75.2                 | 65.2             | 53.3        | W         | 61.6        |
| October .....     | 65.2                         | 64.9                 | 59.8             | 50.4        | 46.7        | 54.4        | 75.5                         | 75.3                 | 65.8             | 54.9        | NA        | 62.5        |
| November .....    | 63.8                         | 63.5                 | 59.1             | 46.0        | 44.1        | 51.9        | 74.6                         | 74.4                 | 65.2             | 50.3        | W         | 60.7        |
| December .....    | 61.6                         | 61.2                 | 57.3             | 40.5        | 37.6        | 47.7        | 72.5                         | 72.3                 | 63.3             | 45.3        | W         | 57.9        |
| <b>1998</b> ..... | <b>66.8</b>                  | <b>66.5</b>          | <b>61.6</b>      | <b>50.9</b> | <b>48.4</b> | <b>55.7</b> | <b>76.9</b>                  | <b>76.7</b>          | <b>67.3</b>      | <b>55.3</b> | <b>W</b>  | <b>63.8</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |           |             |
| January .....     | 61.2                         | 60.8                 | 56.1             | 41.7        | 37.5        | 47.8        | 71.7                         | 71.5                 | 62.8             | 46.1        | –         | 57.9        |
| February .....    | 59.1                         | 58.7                 | 54.6             | 39.9        | 39.3        | 46.6        | 70.0                         | 69.8                 | 61.2             | 44.3        | W         | 56.2        |
| March .....       | 68.2                         | 67.9                 | 62.6             | 51.8        | 49.1        | 56.5        | 78.1                         | 77.8                 | 68.5             | 55.4        | W         | 64.6        |
| April .....       | 87.7                         | 87.4                 | 82.3             | 62.9        | 56.8        | 71.0        | 94.6                         | 94.3                 | 85.9             | 65.7        | W         | 79.8        |
| May .....         | 83.8                         | 83.0                 | 78.6             | 59.9        | 53.8        | 67.6        | 93.3                         | 93.0                 | 84.0             | 64.7        | W         | 78.0        |
| June .....        | 77.3                         | 77.0                 | 72.1             | 61.3        | 57.8        | 65.5        | 87.5                         | 87.2                 | 78.2             | 65.2        | W         | 74.1        |
| July .....        | 80.9                         | 80.8                 | 76.5             | 70.2        | 66.1        | 72.4        | 90.8                         | 90.6                 | 82.2             | 73.3        | NA        | 79.2        |
| August .....      | 89.1                         | 88.9                 | 84.1             | 74.1        | 73.4        | 78.7        | 98.2                         | 98.0                 | 89.5             | 77.8        | W         | 85.8        |
| September .....   | 88.6                         | 88.2                 | 83.0             | 74.3        | 69.9        | 77.6        | 98.1                         | 97.8                 | 89.3             | 78.5        | W         | 85.9        |
| October .....     | 86.4                         | 86.1                 | 81.6             | 70.9        | 67.5        | 75.3        | 96.5                         | 96.2                 | 88.0             | 75.3        | W         | 84.1        |
| November .....    | 86.6                         | 86.3                 | 80.9             | 74.8        | 68.7        | 76.4        | 96.5                         | 96.2                 | 87.2             | 78.9        | W         | 84.6        |
| December .....    | 89.1                         | 88.7                 | 82.8             | 75.0        | 71.3        | 77.9        | 99.2                         | 98.9                 | 89.1             | 79.5        | W         | 86.1        |
| <b>1999</b> ..... | <b>80.4</b>                  | <b>80.0</b>          | <b>75.2</b>      | <b>64.2</b> | <b>60.1</b> | <b>68.6</b> | <b>89.5</b>                  | <b>89.2</b>          | <b>80.7</b>      | <b>67.6</b> | <b>NA</b> | <b>76.7</b> |

See footnotes at end of table.

**Table 12. U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month     | Premium                      |                      |                  |             |             |             | All Grades                   |                      |                  |             |             |             |
|-------------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|------------------------------|----------------------|------------------|-------------|-------------|-------------|
|                   | Sales to End Users           |                      | Sales for Resale |             |             |             | Sales to End Users           |                      | Sales for Resale |             |             |             |
|                   | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     | Through<br>Retail<br>Outlets | Average <sup>a</sup> | DTW              | Rack        | Bulk        | Average     |
| <b>1994</b> ..... | <b>96.6</b>                  | <b>95.8</b>          | <b>86.1</b>      | <b>67.7</b> | <b>55.8</b> | <b>77.7</b> | <b>83.1</b>                  | <b>82.4</b>          | <b>77.1</b>      | <b>59.9</b> | <b>54.7</b> | <b>68.7</b> |
| <b>1995</b> ..... | <b>92.9</b>                  | <b>92.4</b>          | <b>84.1</b>      | <b>70.4</b> | <b>61.6</b> | <b>78.5</b> | <b>80.8</b>                  | <b>80.3</b>          | <b>75.6</b>      | <b>63.2</b> | <b>58.2</b> | <b>69.6</b> |
| <b>1996</b> ..... | <b>100.2</b>                 | <b>99.8</b>          | <b>91.0</b>      | <b>79.1</b> | <b>70.9</b> | <b>85.9</b> | <b>88.2</b>                  | <b>87.8</b>          | <b>82.8</b>      | <b>72.0</b> | <b>68.2</b> | <b>77.4</b> |
| <b>1997</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 101.1                        | 100.7                | 91.3             | W           | 76.5        | 88.4        | 87.3                         | 87.0                 | 81.5             | 76.4        | 74.0        | 79.0        |
| February .....    | 101.0                        | 100.7                | 91.1             | W           | 74.2        | 87.3        | 87.6                         | 87.3                 | 81.9             | 73.2        | 73.1        | 78.1        |
| March .....       | 100.0                        | 99.6                 | 91.1             | W           | 71.7        | 86.1        | 86.8                         | 86.6                 | 82.4             | 71.8        | 73.1        | 77.8        |
| April .....       | 100.0                        | 100.1                | 91.9             | W           | 69.5        | 86.0        | 87.5                         | 87.5                 | 84.0             | 70.1        | 69.1        | 77.8        |
| May .....         | 99.5                         | 99.3                 | 90.3             | W           | 70.1        | 85.1        | 87.4                         | 87.2                 | 82.2             | 70.6        | 64.7        | 76.3        |
| June .....        | 98.6                         | 97.9                 | 88.9             | W           | 64.9        | 82.6        | 86.0                         | 85.6                 | 80.5             | 66.4        | 59.5        | 73.4        |
| July .....        | 97.6                         | 96.9                 | 86.8             | W           | 64.3        | 81.5        | 84.4                         | 84.1                 | 78.1             | 67.1        | 60.3        | 72.4        |
| August .....      | 103.0                        | 102.8                | 94.3             | W           | 78.1        | 90.1        | 89.6                         | 89.5                 | 85.4             | 76.6        | 73.1        | 80.9        |
| September .....   | 105.9                        | 106.0                | 97.1             | W           | 75.2        | 90.7        | 92.7                         | 92.6                 | 88.7             | 73.7        | 73.0        | 81.8        |
| October .....     | 103.2                        | 102.9                | 93.7             | W           | 67.6        | 85.8        | 90.7                         | 90.4                 | 85.8             | 69.4        | 67.8        | 77.9        |
| November .....    | 100.1                        | 99.8                 | 90.3             | W           | 62.4        | 82.3        | 87.5                         | 87.2                 | 82.3             | 66.2        | 61.0        | 74.5        |
| December .....    | 96.8                         | 96.6                 | 86.5             | W           | 60.3        | 79.0        | 83.9                         | 83.6                 | 78.2             | 62.6        | 59.0        | 70.6        |
| <b>1997</b> ..... | <b>100.5</b>                 | <b>100.3</b>         | <b>91.0</b>      | <b>77.5</b> | <b>68.6</b> | <b>85.3</b> | <b>87.6</b>                  | <b>87.4</b>          | <b>82.5</b>      | <b>70.3</b> | <b>67.1</b> | <b>76.7</b> |
| <b>1998</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 91.1                         | 90.9                 | 81.7             | W           | 58.8        | 75.5        | 78.7                         | 78.4                 | 73.4             | 58.5        | 55.8        | 66.3        |
| February .....    | 85.8                         | 85.6                 | 75.4             | W           | 53.2        | 70.2        | 72.4                         | 72.2                 | 66.7             | 55.7        | 52.5        | 61.4        |
| March .....       | 81.2                         | 81.0                 | 70.7             | W           | 50.8        | 65.8        | 67.6                         | 67.4                 | 61.7             | 52.9        | 50.1        | 57.4        |
| April .....       | 83.4                         | 83.2                 | 72.8             | W           | 57.8        | 68.7        | 70.6                         | 70.4                 | 64.0             | 56.5        | 54.9        | 60.4        |
| May .....         | 88.0                         | 87.8                 | 77.6             | W           | 57.5        | 72.4        | 76.0                         | 75.7                 | 69.6             | 59.2        | 54.0        | 64.1        |
| June .....        | 87.3                         | 87.1                 | 76.8             | W           | 54.5        | 71.3        | 74.9                         | 74.6                 | 68.7             | 55.8        | 50.2        | 62.3        |
| July .....        | 87.0                         | 86.7                 | 75.3             | W           | 52.4        | 69.5        | 73.3                         | 73.0                 | 66.9             | 54.1        | 48.1        | 60.1        |
| August .....      | 84.7                         | 84.4                 | 73.4             | W           | 49.4        | 66.6        | 71.5                         | 71.2                 | 64.8             | 50.2        | 46.8        | 57.6        |
| September .....   | 83.3                         | 83.0                 | 72.1             | W           | 48.8        | 65.5        | 70.0                         | 69.7                 | 63.5             | 51.2        | 46.5        | 57.0        |
| October .....     | 83.7                         | 83.4                 | 72.7             | 59.9        | 51.1        | 66.7        | 70.3                         | 70.0                 | 64.0             | 52.6        | 47.6        | 58.1        |
| November .....    | 82.2                         | 81.9                 | 71.8             | W           | 46.9        | 64.3        | 69.0                         | 68.7                 | 63.4             | 48.1        | 44.6        | 55.8        |
| December .....    | 80.0                         | 79.7                 | 69.7             | W           | 42.0        | 61.0        | 66.8                         | 66.4                 | 61.4             | 42.6        | 38.3        | 51.8        |
| <b>1998</b> ..... | <b>84.7</b>                  | <b>84.5</b>          | <b>74.1</b>      | <b>W</b>    | <b>51.6</b> | <b>68.0</b> | <b>71.7</b>                  | <b>71.4</b>          | <b>65.7</b>      | <b>52.9</b> | <b>48.9</b> | <b>59.3</b> |
| <b>1999</b>       |                              |                      |                  |             |             |             |                              |                      |                  |             |             |             |
| January .....     | 79.6                         | 79.3                 | 69.6             | 50.5        | 41.0        | 61.0        | 66.5                         | 66.1                 | 60.6             | 43.8        | 38.1        | 51.9        |
| February .....    | 77.7                         | 77.2                 | 67.8             | W           | 41.7        | 59.9        | 64.3                         | 64.0                 | 59.0             | 42.0        | 39.6        | 50.7        |
| March .....       | 84.4                         | 83.9                 | 74.3             | W           | 50.6        | 67.8        | 72.7                         | 72.4                 | 66.4             | 53.5        | 49.3        | 59.9        |
| April .....       | 100.0                        | 99.5                 | 89.9             | 69.3        | 61.3        | 80.8        | 90.7                         | 90.3                 | 84.5             | 64.2        | 57.5        | 73.9        |
| May .....         | 100.0                        | 99.5                 | 89.3             | W           | 57.4        | 79.2        | 87.9                         | 87.1                 | 81.8             | 61.8        | 54.5        | 71.1        |
| June .....        | 95.3                         | 94.9                 | 84.7             | W           | 61.4        | 77.3        | 81.7                         | 81.4                 | 76.0             | 63.1        | 58.4        | 68.8        |
| July .....        | 97.8                         | 97.5                 | 88.7             | 77.7        | 70.7        | 83.2        | 85.2                         | 85.0                 | 80.2             | 71.8        | 66.9        | 75.3        |
| August .....      | 105.3                        | 105.1                | 96.2             | W           | 75.9        | 89.8        | 93.0                         | 92.8                 | 87.6             | 75.8        | 73.8        | 81.7        |
| September .....   | 106.7                        | 106.2                | 96.9             | W           | 74.1        | 90.3        | 92.8                         | 92.5                 | 87.0             | 76.2        | 70.7        | 80.9        |
| October .....     | 104.9                        | 104.6                | 96.1             | W           | 70.3        | 88.1        | 90.9                         | 90.6                 | 85.8             | 72.8        | 68.1        | 78.8        |
| November .....    | 105.3                        | 104.8                | 95.2             | W           | 71.4        | 88.7        | 91.1                         | 90.7                 | 85.1             | 76.7        | 69.2        | 79.7        |
| December .....    | 108.2                        | 107.8                | 97.1             | W           | 75.8        | 90.7        | 93.7                         | 93.3                 | 87.0             | 77.0        | 72.0        | 81.3        |
| <b>1999</b> ..... | <b>96.6</b>                  | <b>96.3</b>          | <b>87.0</b>      | <b>71.7</b> | <b>63.9</b> | <b>79.8</b> | <b>84.5</b>                  | <b>84.1</b>          | <b>78.8</b>      | <b>65.8</b> | <b>60.8</b> | <b>71.8</b> |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 13. U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

| Year<br>Month     | Regular                      |                    |                  |             |            |             | Midgrade                     |                    |                  |            |           |             |
|-------------------|------------------------------|--------------------|------------------|-------------|------------|-------------|------------------------------|--------------------|------------------|------------|-----------|-------------|
|                   | Sales to End Users           |                    | Sales for Resale |             |            |             | Sales to End Users           |                    | Sales for Resale |            |           |             |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack        | Bulk       | Total       | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk      | Total       |
| <b>1994</b> ..... | <b>0.6</b>                   | <b>0.6</b>         | <b>2.1</b>       | <b>1.6</b>  | <b>0.6</b> | <b>4.3</b>  | <b>0.2</b>                   | <b>0.2</b>         | <b>0.7</b>       | <b>0.3</b> | <b>W</b>  | <b>1.0</b>  |
| <b>1995</b> ..... | <b>7.8</b>                   | <b>8.1</b>         | <b>20.7</b>      | <b>W</b>    | <b>W</b>   | <b>43.3</b> | <b>3.0</b>                   | <b>3.1</b>         | <b>7.4</b>       | <b>3.1</b> | <b>—</b>  | <b>10.5</b> |
| <b>1996</b> ..... | <b>10.7</b>                  | <b>11.1</b>        | <b>26.1</b>      | <b>20.5</b> | <b>8.0</b> | <b>54.6</b> | <b>3.3</b>                   | <b>3.4</b>         | <b>7.9</b>       | <b>3.3</b> | <b>W</b>  | <b>11.3</b> |
| <b>1997</b>       |                              |                    |                  |             |            |             |                              |                    |                  |            |           |             |
| January .....     | 11.3                         | 11.8               | 27.2             | 19.8        | 7.3        | 54.3        | 3.2                          | 3.3                | 7.9              | 3.0        | W         | 10.8        |
| February .....    | 12.1                         | 12.6               | 28.3             | 20.7        | 6.9        | 55.9        | 3.3                          | 3.4                | 8.1              | 3.0        | W         | 11.1        |
| March .....       | 12.4                         | 12.9               | 28.4             | 21.2        | 7.4        | 57.0        | 3.4                          | 3.5                | 8.0              | 3.1        | W         | 11.1        |
| April .....       | 12.4                         | 12.8               | 29.0             | 21.1        | 7.0        | 57.1        | 3.4                          | 3.5                | 7.9              | 3.0        | W         | 11.0        |
| May .....         | 12.0                         | 12.4               | 27.3             | 21.1        | 7.9        | 56.3        | 3.3                          | 3.4                | 7.9              | 3.1        | W         | 11.1        |
| June .....        | 12.2                         | 12.6               | 27.4             | 21.5        | 7.0        | 56.0        | 3.4                          | 3.5                | 7.9              | 3.2        | W         | 11.1        |
| July .....        | 14.0                         | 14.4               | 27.5             | 22.7        | 6.8        | 57.0        | 3.8                          | 3.9                | 8.0              | 3.4        | W         | 11.5        |
| August .....      | 14.8                         | 15.1               | 28.1             | 23.2        | 8.5        | 59.8        | 3.9                          | 4.0                | 8.0              | 3.4        | W         | 11.5        |
| September .....   | 14.7                         | 15.1               | 27.7             | 22.0        | 7.3        | 57.0        | 3.7                          | 3.8                | 7.7              | 3.1        | W         | 10.8        |
| October .....     | 14.9                         | 15.3               | 28.0             | 22.4        | 8.7        | 59.1        | 3.7                          | 3.8                | 7.7              | 3.1        | W         | 10.9        |
| November .....    | 14.3                         | 14.6               | 28.7             | 21.8        | 6.9        | 57.4        | 3.6                          | 3.7                | 7.7              | 3.0        | W         | 10.7        |
| December .....    | 15.6                         | 15.9               | 29.0             | 22.6        | 8.8        | 60.3        | 4.0                          | 4.0                | 7.7              | 3.1        | W         | 10.9        |
| <b>1997</b> ..... | <b>13.4</b>                  | <b>13.8</b>        | <b>28.0</b>      | <b>21.7</b> | <b>7.6</b> | <b>57.3</b> | <b>3.6</b>                   | <b>3.7</b>         | <b>7.9</b>       | <b>3.1</b> | <b>W</b>  | <b>11.0</b> |
| <b>1998</b>       |                              |                    |                  |             |            |             |                              |                    |                  |            |           |             |
| January .....     | 13.5                         | 13.8               | 27.2             | 21.1        | 8.3        | 56.6        | 3.7                          | 3.7                | 7.2              | 2.8        | W         | 10.0        |
| February .....    | 14.3                         | 14.6               | 28.1             | 22.1        | 7.5        | 57.7        | 3.6                          | 3.7                | 7.3              | 2.9        | W         | 10.2        |
| March .....       | 14.6                         | 14.9               | 28.8             | 22.7        | 6.9        | 58.4        | 3.7                          | 3.7                | 7.4              | 3.0        | W         | 10.4        |
| April .....       | 13.2                         | 13.4               | 29.0             | 22.1        | 7.9        | 59.0        | 3.4                          | 3.4                | 7.4              | 2.9        | W         | 10.3        |
| May .....         | 13.1                         | 13.3               | 29.1             | 22.7        | 9.0        | 60.8        | 3.4                          | 3.4                | 7.4              | 3.0        | W         | 10.5        |
| June .....        | 13.4                         | 13.7               | 29.5             | 23.3        | 7.5        | 60.4        | 3.5                          | 3.5                | 7.5              | 3.2        | W         | 10.7        |
| July .....        | 15.5                         | 15.9               | 29.5             | 23.9        | 10.3       | 63.7        | 4.0                          | 4.0                | 7.6              | 3.4        | W         | 11.0        |
| August .....      | 15.4                         | 15.6               | 29.3             | 24.4        | 7.7        | 61.4        | 4.0                          | 4.0                | 7.5              | 3.4        | W         | 10.9        |
| September .....   | 15.4                         | 15.7               | 28.7             | 23.6        | 9.3        | 61.6        | 4.0                          | 4.0                | 7.4              | 3.2        | W         | 10.5        |
| October .....     | 14.3                         | 14.6               | 28.4             | 23.6        | 7.8        | 59.7        | 3.9                          | 3.9                | 7.4              | 3.1        | NA        | 10.6        |
| November .....    | 13.9                         | 14.1               | 27.3             | 22.7        | 7.8        | 57.8        | 3.8                          | 3.9                | 7.2              | 3.1        | W         | 10.3        |
| December .....    | 14.4                         | 14.7               | 27.9             | 24.1        | 9.1        | 61.1        | 3.9                          | 4.0                | 7.3              | 3.1        | W         | 10.4        |
| <b>1998</b> ..... | <b>14.3</b>                  | <b>14.5</b>        | <b>28.6</b>      | <b>23.0</b> | <b>8.3</b> | <b>59.9</b> | <b>3.7</b>                   | <b>3.8</b>         | <b>7.4</b>       | <b>3.1</b> | <b>W</b>  | <b>10.5</b> |
| <b>1999</b>       |                              |                    |                  |             |            |             |                              |                    |                  |            |           |             |
| January .....     | 12.7                         | 13.0               | 25.6             | 21.2        | 8.2        | 55.0        | 3.7                          | 3.8                | 6.6              | 2.7        | —         | 9.3         |
| February .....    | 13.3                         | 13.6               | 27.3             | 23.1        | 8.2        | 58.7        | 3.7                          | 3.7                | 7.0              | 2.9        | W         | 10.0        |
| March .....       | 13.9                         | 14.3               | 28.8             | 24.3        | 8.2        | 61.3        | 3.7                          | 3.8                | 7.2              | 3.0        | W         | 10.2        |
| April .....       | 15.0                         | 15.4               | 29.6             | 24.5        | 9.4        | 63.5        | 3.6                          | 3.6                | 6.8              | 2.9        | W         | 9.7         |
| May .....         | 14.8                         | 15.3               | 30.3             | 26.0        | 9.6        | 65.8        | 3.7                          | 3.7                | 7.0              | 3.1        | W         | 10.2        |
| June .....        | 15.6                         | 16.0               | 30.7             | 27.6        | 11.1       | 69.4        | 3.7                          | 3.8                | 7.2              | 3.3        | W         | 10.5        |
| July .....        | 15.1                         | 15.4               | 30.7             | 27.4        | 10.6       | 68.7        | 3.7                          | 3.7                | 7.2              | 3.4        | NA        | 10.7        |
| August .....      | 15.1                         | 15.4               | 31.3             | 27.6        | 7.5        | 66.4        | 3.5                          | 3.6                | 7.1              | 3.2        | W         | 10.3        |
| September .....   | 14.6                         | 14.9               | 30.5             | 27.5        | 10.1       | 68.0        | 3.5                          | 3.5                | 6.9              | 3.1        | W         | 10.1        |
| October .....     | 14.7                         | 15.0               | 30.7             | 27.6        | 9.1        | 67.4        | 3.5                          | 3.6                | 7.0              | 3.0        | W         | 10.1        |
| November .....    | 14.1                         | 14.4               | 30.2             | 27.1        | 12.0       | 69.2        | 3.4                          | 3.5                | 6.9              | 3.1        | W         | 10.1        |
| December .....    | 14.8                         | 15.1               | 31.7             | 29.5        | 10.8       | 72.0        | 3.6                          | 3.7                | 7.3              | 3.3        | W         | 10.7        |
| <b>1999</b> ..... | <b>14.5</b>                  | <b>14.8</b>        | <b>29.8</b>      | <b>26.1</b> | <b>9.6</b> | <b>65.5</b> | <b>3.6</b>                   | <b>3.7</b>         | <b>7.0</b>       | <b>3.1</b> | <b>NA</b> | <b>10.2</b> |

See footnotes at end of table.

**Table 13. U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day) — Continued

| Year<br>Month     | Premium                      |                    |                  |            |            |             | All Grades                   |                    |                  |             |             |             |
|-------------------|------------------------------|--------------------|------------------|------------|------------|-------------|------------------------------|--------------------|------------------|-------------|-------------|-------------|
|                   | Sales to End Users           |                    | Sales for Resale |            |            |             | Sales to End Users           |                    | Sales for Resale |             |             |             |
|                   | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack       | Bulk       | Total       | Through<br>Retail<br>Outlets | Total <sup>a</sup> | DTW              | Rack        | Bulk        | Total       |
| <b>1994</b> ..... | <b>0.2</b>                   | <b>0.2</b>         | <b>1.2</b>       | <b>0.5</b> | <b>0.2</b> | <b>1.9</b>  | <b>1.0</b>                   | <b>1.0</b>         | <b>4.0</b>       | <b>2.4</b>  | <b>0.8</b>  | <b>7.2</b>  |
| <b>1995</b> ..... | <b>3.1</b>                   | <b>3.2</b>         | <b>12.0</b>      | <b>W</b>   | <b>W</b>   | <b>18.9</b> | <b>14.0</b>                  | <b>14.4</b>        | <b>40.1</b>      | <b>25.9</b> | <b>6.6</b>  | <b>72.6</b> |
| <b>1996</b> ..... | <b>3.1</b>                   | <b>3.2</b>         | <b>11.7</b>      | <b>5.3</b> | <b>1.5</b> | <b>18.6</b> | <b>17.0</b>                  | <b>17.6</b>        | <b>45.7</b>      | <b>29.2</b> | <b>9.6</b>  | <b>84.5</b> |
| <b>1997</b>       |                              |                    |                  |            |            |             |                              |                    |                  |             |             |             |
| January .....     | 2.9                          | 3.0                | 11.1             | W          | 1.0        | 16.9        | 17.5                         | 18.2               | 46.2             | 27.5        | 8.3         | 82.0        |
| February .....    | 3.0                          | 3.1                | 11.5             | W          | 0.8        | 17.1        | 18.4                         | 19.1               | 47.9             | 28.5        | 7.8         | 84.2        |
| March .....       | 3.1                          | 3.2                | 11.6             | W          | 1.5        | 18.2        | 18.9                         | 19.7               | 48.0             | 29.3        | 8.9         | 86.2        |
| April .....       | 3.2                          | 3.4                | 11.7             | W          | 1.4        | 18.2        | 19.0                         | 19.8               | 48.6             | 29.3        | 8.4         | 86.3        |
| May .....         | 3.2                          | 3.4                | 11.5             | W          | 1.5        | 18.4        | 18.5                         | 19.2               | 46.7             | 29.6        | 9.5         | 85.8        |
| June .....        | 3.4                          | 3.6                | 11.8             | W          | 1.6        | 18.8        | 18.9                         | 19.6               | 47.1             | 30.1        | 8.7         | 86.0        |
| July .....        | 3.7                          | 4.0                | 11.8             | W          | 1.5        | 19.2        | 21.5                         | 22.2               | 47.4             | 32.0        | 8.3         | 87.7        |
| August .....      | 3.6                          | 3.8                | 11.4             | W          | 1.5        | 18.5        | 22.3                         | 22.9               | 47.5             | 32.2        | 10.0        | 89.7        |
| September .....   | 3.4                          | 3.7                | 10.7             | W          | 1.2        | 17.1        | 21.9                         | 22.6               | 46.1             | 30.2        | 8.6         | 84.9        |
| October .....     | 3.5                          | 3.6                | 11.1             | W          | 2.0        | 18.4        | 22.2                         | 22.7               | 46.8             | 30.9        | 10.7        | 88.4        |
| November .....    | 3.5                          | 3.5                | 11.6             | W          | 2.2        | 18.9        | 21.4                         | 21.8               | 47.9             | 30.0        | 9.1         | 87.0        |
| December .....    | 3.8                          | 3.8                | 11.8             | W          | 1.9        | 19.2        | 23.4                         | 23.7               | 48.5             | 31.2        | 10.7        | 90.4        |
| <b>1997</b> ..... | <b>3.4</b>                   | <b>3.5</b>         | <b>11.5</b>      | <b>5.3</b> | <b>1.5</b> | <b>18.2</b> | <b>20.3</b>                  | <b>21.0</b>        | <b>47.4</b>      | <b>30.1</b> | <b>9.1</b>  | <b>86.6</b> |
| <b>1998</b>       |                              |                    |                  |            |            |             |                              |                    |                  |             |             |             |
| January .....     | 3.5                          | 3.5                | 11.2             | W          | 1.0        | 17.3        | 20.8                         | 21.1               | 45.6             | 29.0        | 9.4         | 84.0        |
| February .....    | 3.7                          | 3.7                | 11.8             | W          | 1.1        | 18.3        | 21.7                         | 22.0               | 47.3             | 30.3        | 8.6         | 86.2        |
| March .....       | 3.8                          | 3.9                | 12.3             | W          | 1.8        | 19.6        | 22.1                         | 22.4               | 48.5             | 31.2        | 8.6         | 88.3        |
| April .....       | 3.6                          | 3.6                | 12.2             | W          | 1.7        | 19.5        | 20.1                         | 20.4               | 48.5             | 30.6        | 9.8         | 88.9        |
| May .....         | 3.6                          | 3.6                | 12.0             | W          | 1.8        | 19.6        | 20.0                         | 20.3               | 48.6             | 31.5        | 10.8        | 90.9        |
| June .....        | 3.7                          | 3.7                | 12.4             | W          | 1.2        | 19.6        | 20.6                         | 20.9               | 49.4             | 32.4        | 8.8         | 90.6        |
| July .....        | 4.1                          | 4.2                | 12.6             | W          | 1.1        | 20.2        | 23.7                         | 24.1               | 49.7             | 33.7        | 11.5        | 94.9        |
| August .....      | 4.2                          | 4.2                | 12.6             | W          | 1.6        | 20.7        | 23.5                         | 23.9               | 49.4             | 34.2        | 9.4         | 93.0        |
| September .....   | 4.1                          | 4.2                | 12.5             | W          | 2.2        | 21.0        | 23.5                         | 23.9               | 48.6             | 33.0        | 11.5        | 93.1        |
| October .....     | 3.9                          | 4.0                | 12.4             | 6.2        | 2.0        | 20.7        | 22.1                         | 22.5               | 48.2             | 32.9        | 9.8         | 91.0        |
| November .....    | 3.8                          | 3.9                | 12.3             | W          | 1.9        | 20.3        | 21.5                         | 21.8               | 46.8             | 31.9        | 9.7         | 88.4        |
| December .....    | 3.9                          | 4.0                | 12.5             | W          | 1.5        | 20.6        | 22.3                         | 22.6               | 47.7             | 33.7        | 10.7        | 92.0        |
| <b>1998</b> ..... | <b>3.8</b>                   | <b>3.9</b>         | <b>12.2</b>      | <b>W</b>   | <b>1.6</b> | <b>19.8</b> | <b>21.8</b>                  | <b>22.2</b>        | <b>48.2</b>      | <b>32.0</b> | <b>9.9</b>  | <b>90.1</b> |
| <b>1999</b>       |                              |                    |                  |            |            |             |                              |                    |                  |             |             |             |
| January .....     | 3.7                          | 3.7                | 11.3             | 5.8        | 1.8        | 18.9        | 20.1                         | 20.5               | 43.5             | 29.8        | 9.9         | 83.2        |
| February .....    | 3.7                          | 3.8                | 12.2             | W          | 1.3        | 19.9        | 20.7                         | 21.1               | 46.6             | 32.5        | 9.5         | 88.6        |
| March .....       | 3.7                          | 3.7                | 12.1             | W          | 1.3        | 19.9        | 21.3                         | 21.8               | 48.0             | 33.8        | 9.5         | 91.3        |
| April .....       | 3.3                          | 3.4                | 10.8             | 5.8        | 1.7        | 18.2        | 21.9                         | 22.4               | 47.2             | 33.1        | 11.0        | 91.3        |
| May .....         | 3.3                          | 3.4                | 11.3             | W          | 2.2        | 19.7        | 21.8                         | 22.4               | 48.6             | 35.3        | 11.8        | 95.7        |
| June .....        | 3.6                          | 3.6                | 11.7             | W          | 2.0        | 20.5        | 22.9                         | 23.5               | 49.5             | 37.7        | 13.2        | 100.4       |
| July .....        | 3.5                          | 3.5                | 11.5             | 6.8        | 2.0        | 20.2        | 22.2                         | 22.6               | 49.4             | 37.5        | 12.7        | 99.7        |
| August .....      | 3.2                          | 3.3                | 11.0             | W          | 1.5        | 19.0        | 21.8                         | 22.3               | 49.4             | 37.3        | 9.1         | 95.8        |
| September .....   | 3.1                          | 3.2                | 10.9             | W          | 2.0        | 19.0        | 21.2                         | 21.6               | 48.3             | 36.7        | 12.1        | 97.1        |
| October .....     | 3.3                          | 3.3                | 11.1             | W          | 2.2        | 19.4        | 21.5                         | 21.9               | 48.7             | 36.7        | 11.4        | 96.9        |
| November .....    | 3.2                          | 3.2                | 11.1             | W          | 2.4        | 19.7        | 20.7                         | 21.2               | 48.2             | 36.4        | 14.4        | 99.0        |
| December .....    | 3.3                          | 3.3                | 11.5             | W          | 2.2        | 20.3        | 21.7                         | 22.1               | 50.6             | 39.5        | 13.0        | 103.0       |
| <b>1999</b> ..... | <b>3.4</b>                   | <b>3.5</b>         | <b>11.4</b>      | <b>6.3</b> | <b>1.9</b> | <b>19.6</b> | <b>21.5</b>                  | <b>22.0</b>        | <b>48.2</b>      | <b>35.6</b> | <b>11.5</b> | <b>95.2</b> |

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 14. U.S. Propane (Consumer Grade) Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Sales to End Users       |   |                         |                              |                    |                    |             | Sales<br>for<br>Resale |
|-------------------|--------------------------|---|-------------------------|------------------------------|--------------------|--------------------|-------------|------------------------|
|                   | Residential<br>Consumers | Commercial/<br>Institutional<br>Consumers | Industrial<br>Consumers | Through<br>Retail<br>Outlets | Petro-<br>Chemical | Other<br>End Users | Average     |                        |
| <b>1994</b> ..... | <b>87.2</b>              | <b>76.5</b>                               | <b>65.2</b>             | <b>73.6</b>                  | <b>31.1</b>        | <b>63.4</b>        | <b>77.6</b> | <b>33.6</b>            |
| <b>1995</b> ..... | <b>86.5</b>              | <b>77.7</b>                               | <b>64.6</b>             | <b>74.7</b>                  | <b>32.4</b>        | <b>66.2</b>        | <b>76.6</b> | <b>35.4</b>            |
| <b>1996</b> ..... | <b>99.1</b>              | <b>88.4</b>                               | <b>73.3</b>             | <b>75.7</b>                  | <b>41.3</b>        | <b>76.4</b>        | <b>88.6</b> | <b>47.1</b>            |
| <b>1997</b>       |                          |   |                         |                              |                    |                    |             |                        |
| January .....     | 117.8                    | 105.9                                     | 91.0                    | 88.6                         | 54.0               | 93.7               | 110.0       | 61.2                   |
| February .....    | 107.3                    | 97.1                                      | 79.6                    | 77.8                         | 42.1               | 82.6               | 97.9        | 46.0                   |
| March .....       | 102.2                    | 92.4                                      | 80.0                    | 74.7                         | 41.2               | 79.2               | 90.8        | 42.8                   |
| April .....       | 98.6                     | 90.2                                      | 76.9                    | 71.4                         | 36.2               | 78.2               | 84.9        | 39.1                   |
| May .....         | 97.2                     | 88.3                                      | 74.6                    | 70.1                         | 35.9               | 79.4               | 81.3        | 38.1                   |
| June .....        | 95.6                     | 87.6                                      | 73.4                    | 69.7                         | 35.3               | 80.6               | 80.8        | 37.5                   |
| July .....        | 90.3                     | 86.3                                      | 73.2                    | 68.6                         | 35.3               | 74.0               | 78.3        | 37.0                   |
| August .....      | 86.1                     | 84.3                                      | 72.1                    | 66.8                         | 36.9               | 71.0               | 77.0        | 38.4                   |
| September .....   | 87.7                     | 84.7                                      | 73.3                    | 68.4                         | 37.6               | 70.0               | 77.6        | 40.3                   |
| October .....     | 89.9                     | 84.9                                      | 73.2                    | 69.9                         | 39.5               | 65.6               | 78.2        | 41.9                   |
| November .....    | 92.1                     | 86.7                                      | 73.7                    | 69.0                         | 38.6               | 68.0               | 82.0        | 40.8                   |
| December .....    | 94.5                     | 87.4                                      | 74.9                    | 69.2                         | 35.2               | 71.4               | 85.8        | 38.7                   |
| <b>1997</b> ..... | <b>99.6</b>              | <b>90.5</b>                               | <b>77.8</b>             | <b>72.6</b>                  | <b>38.4</b>        | <b>74.3</b>        | <b>87.8</b> | <b>42.6</b>            |
| <b>1998</b>       |                          |   |                         |                              |                    |                    |             |                        |
| January .....     | 93.5                     | 86.5                                      | 74.3                    | 66.0                         | 32.2               | 69.9               | 84.2        | 36.5                   |
| February .....    | 95.0                     | 87.5                                      | 70.8                    | 64.6                         | 30.8               | 68.9               | 83.5        | 34.1                   |
| March .....       | 92.3                     | 85.3                                      | 69.0                    | 63.1                         | 28.3               | 68.8               | 81.3        | 32.1                   |
| April .....       | 93.2                     | 84.4                                      | 72.0                    | 63.5                         | 28.7               | 71.6               | 79.3        | 31.1                   |
| May .....         | 93.3                     | 85.0                                      | 70.2                    | 62.4                         | 28.1               | 75.4               | 76.8        | 30.1                   |
| June .....        | 90.4                     | 84.2                                      | 69.9                    | 61.4                         | 25.1               | 71.8               | 75.5        | 27.5                   |
| July .....        | 86.2                     | 82.5                                      | 68.3                    | 58.7                         | 24.7               | 68.2               | 74.0        | 26.6                   |
| August .....      | 81.9                     | 78.7                                      | 67.1                    | 59.3                         | 24.3               | 64.5               | 70.5        | 26.5                   |
| September .....   | 81.4                     | 77.6                                      | 65.9                    | 57.6                         | 24.3               | 59.7               | 71.2        | 26.9                   |
| October .....     | 82.6                     | 74.0                                      | 66.3                    | NA                           | 25.9               | 56.0               | 71.0        | 28.5                   |
| November .....    | 84.4                     | 75.3                                      | 68.1                    | 77.6                         | 26.0               | 60.0               | 74.9        | 28.4                   |
| December .....    | 84.9                     | 75.4                                      | 67.8                    | 77.2                         | 21.5               | 61.2               | 74.9        | 26.4                   |
| <b>1998</b> ..... | <b>88.8</b>              | <b>81.6</b>                               | <b>69.2</b>             | <b>67.6</b>                  | <b>27.0</b>        | <b>64.7</b>        | <b>77.4</b> | <b>29.7</b>            |
| <b>1999</b>       |                          |   |                         |                              |                    |                    |             |                        |
| January .....     | 85.4                     | 77.4                                      | 68.3                    | 75.7                         | 23.0               | 62.4               | 77.5        | 27.3                   |
| February .....    | 87.3                     | 77.1                                      | 69.6                    | 77.9                         | 23.4               | 63.1               | 76.9        | 27.2                   |
| March .....       | 87.7                     | 77.2                                      | 69.4                    | 78.5                         | 23.2               | 63.3               | 77.3        | 27.6                   |
| April .....       | 88.4                     | 78.5                                      | 71.3                    | 80.9                         | 27.5               | 65.6               | 75.9        | 29.7                   |
| May .....         | 90.7                     | 80.8                                      | 71.5                    | 83.4                         | 26.4               | 69.4               | 76.6        | 30.0                   |
| June .....        | 90.2                     | 80.9                                      | 71.9                    | W                            | 30.8               | 68.1               | 75.5        | 30.0                   |
| July .....        | 84.2                     | 81.3                                      | 73.4                    | 86.5                         | 36.1               | 67.4               | 72.2        | 35.8                   |
| August .....      | 82.5                     | 80.8                                      | 75.0                    | W                            | 40.1               | 68.2               | 69.9        | 39.5                   |
| September .....   | 84.9                     | 81.5                                      | 76.1                    | W                            | 41.7               | 65.6               | 75.2        | 43.1                   |
| October .....     | 92.4                     | 83.5                                      | 79.3                    | W                            | 45.2               | 64.5               | 81.6        | 45.0                   |
| November .....    | 96.6                     | 87.2                                      | 80.9                    | W                            | 43.8               | 70.4               | 85.1        | 43.5                   |
| December .....    | 96.4                     | 87.6                                      | 81.2                    | W                            | 42.5               | 71.5               | 88.1        | 42.8                   |
| <b>1999</b> ..... | <b>88.5</b>              | <b>80.8</b>                               | <b>73.4</b>             | <b>85.3</b>                  | <b>34.1</b>        | <b>65.9</b>        | <b>78.1</b> | <b>35.4</b>            |

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 15. U.S. No. 2 Distillate<sup>a</sup> Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Sales to End Users       |   |                         |   |                                 |             | Sales<br>for<br>Resale |
|-------------------|--------------------------|---|-------------------------|---|---------------------------------|-------------|------------------------|
|                   | Residential<br>Consumers | Commercial/<br>Institutional<br>Consumers | Industrial<br>Consumers | Through<br>Retail<br>Outlets <sup>b</sup> | Other<br>End Users <sup>c</sup> | Average     |                        |
| <b>1983</b> ..... | 107.8                    | 86.3                                      | 88.3                    | 94.3                                      | 89.7                            | 93.3        | 81.8                   |
| <b>1984</b> ..... | 109.1                    | 85.7                                      | 87.0                    | 92.0                                      | 89.2                            | 92.6        | 81.9                   |
| <b>1985</b> ..... | 105.3                    | 82.1                                      | 83.4                    | 88.6                                      | 85.3                            | 89.0        | 78.1                   |
| <b>1986</b> ..... | 83.6                     | 51.4                                      | 53.7                    | 59.8                                      | 56.9                            | 61.4        | 48.0                   |
| <b>1987</b> ..... | 80.3                     | 56.6                                      | 59.7                    | 64.4                                      | 63.1                            | 64.3        | 53.5                   |
| <b>1988</b> ..... | 81.3                     | 51.9                                      | 54.2                    | 61.6                                      | 58.7                            | 61.2        | 48.2                   |
| <b>1989</b> ..... | 90.0                     | 60.8                                      | 63.8                    | 68.5                                      | 66.7                            | 69.5        | 57.2                   |
| <b>1990</b> ..... | 106.3                    | 75.1                                      | 78.0                    | 85.2                                      | 82.8                            | 84.1        | 70.6                   |
| <b>1991</b> ..... | 101.9                    | 67.5                                      | 69.7                    | 74.5                                      | 73.8                            | 76.0        | 62.7                   |
| <b>1992</b> ..... | 93.4                     | 63.7                                      | 67.5                    | 72.1                                      | 72.1                            | 72.6        | 59.1                   |
| <b>1993</b> ..... | 91.1                     | 62.0                                      | 66.7                    | 71.1                                      | 70.5                            | 71.0        | 56.6                   |
| <b>1994</b> ..... | 88.4                     | 58.7                                      | 64.1                    | 67.3                                      | 65.5                            | 67.5        | 52.9                   |
| <b>1995</b> ..... | 86.7                     | 59.3                                      | 64.4                    | 67.0                                      | 67.3                            | 67.3        | 53.6                   |
| <b>1996</b> ..... | 98.9                     | 71.4                                      | 77.1                    | 78.8                                      | 79.3                            | 79.3        | 66.0                   |
| <b>1997</b> ..... |                          |   |                         |   |                                 |             |                        |
| January .....     | 107.9                    | 77.0                                      | 81.7                    | 84.1                                      | 83.5                            | 88.2        | 70.6                   |
| February .....    | 105.1                    | 74.5                                      | 79.1                    | 81.9                                      | 82.0                            | 84.8        | 67.2                   |
| March .....       | 101.6                    | 69.3                                      | 73.0                    | 76.5                                      | 76.4                            | 78.5        | 61.7                   |
| April .....       | 99.2                     | 67.7                                      | 72.3                    | 75.5                                      | 76.8                            | 75.8        | 61.8                   |
| May .....         | 96.4                     | 66.3                                      | 71.0                    | 74.5                                      | 75.9                            | 73.3        | 60.8                   |
| June .....        | 92.3                     | 63.1                                      | 67.9                    | 72.2                                      | 73.1                            | 69.7        | 56.9                   |
| July .....        | 88.3                     | 62.0                                      | 66.7                    | 70.5                                      | 71.2                            | 68.0        | 56.1                   |
| August .....      | 86.9                     | 64.2                                      | 68.5                    | 71.9                                      | 73.0                            | 69.9        | 58.8                   |
| September .....   | 88.7                     | 63.7                                      | 68.5                    | 71.4                                      | 73.2                            | 70.1        | 57.8                   |
| October .....     | 92.3                     | 67.3                                      | 71.1                    | 73.8                                      | 76.5                            | 73.7        | 61.9                   |
| November .....    | 94.1                     | 68.0                                      | 71.0                    | 74.0                                      | 75.1                            | 75.4        | 61.6                   |
| December .....    | 93.8                     | 63.9                                      | 66.7                    | 70.9                                      | 70.4                            | 73.8        | 56.0                   |
| <b>1997</b> ..... | <b>98.4</b>              | <b>67.4</b>                               | <b>71.2</b>             | <b>74.5</b>                               | <b>75.3</b>                     | <b>75.3</b> | <b>61.1</b>            |
| <b>1998</b> ..... |                          |   |                         |   |                                 |             |                        |
| January .....     | 92.5                     | 59.3                                      | 61.6                    | 66.0                                      | 65.5                            | 69.6        | 51.0                   |
| February .....    | 91.6                     | 57.4                                      | 59.9                    | 63.2                                      | 63.3                            | 67.4        | 49.4                   |
| March .....       | 89.6                     | 54.8                                      | 57.4                    | 61.1                                      | 61.7                            | 64.2        | 46.9                   |
| April .....       | 87.7                     | 55.5                                      | 58.5                    | 61.5                                      | 63.5                            | 62.4        | 48.5                   |
| May .....         | 84.9                     | 54.2                                      | 57.4                    | 61.7                                      | 63.0                            | 60.2        | 47.3                   |
| June .....        | 81.2                     | 50.9                                      | 54.6                    | 59.0                                      | 59.6                            | 56.8        | 43.9                   |
| July .....        | 77.7                     | 50.0                                      | 53.8                    | 57.9                                      | 57.4                            | 55.4        | 42.7                   |
| August .....      | 75.5                     | 48.9                                      | 52.4                    | 56.2                                      | 56.9                            | 54.2        | 41.3                   |
| September .....   | 77.0                     | 51.6                                      | 55.2                    | 58.2                                      | 59.8                            | 57.0        | 45.5                   |
| October .....     | 78.6                     | 52.1                                      | 55.3                    | 58.7                                      | 60.4                            | 58.2        | 45.2                   |
| November .....    | 79.9                     | 50.0                                      | 52.9                    | 56.6                                      | 57.2                            | 57.6        | 41.8                   |
| December .....    | 78.9                     | 46.2                                      | 48.8                    | 52.3                                      | 52.6                            | 55.4        | 36.6                   |
| <b>1998</b> ..... | <b>85.2</b>              | <b>52.5</b>                               | <b>55.6</b>             | <b>59.3</b>                               | <b>60.0</b>                     | <b>59.9</b> | <b>45.0</b>            |
| <b>1999</b> ..... |                          |   |                         |   |                                 |             |                        |
| January .....     | 80.5                     | 46.8                                      | 48.8                    | 51.7                                      | 50.8                            | 57.6        | 37.6                   |
| February .....    | 80.0                     | 45.3                                      | 48.1                    | 50.5                                      | 50.8                            | 55.5        | 35.8                   |
| March .....       | 81.0                     | 50.9                                      | 53.6                    | 55.2                                      | 55.8                            | 59.2        | 43.1                   |
| April .....       | 83.0                     | 55.8                                      | 58.1                    | 63.5                                      | 61.7                            | 62.5        | 48.4                   |
| May .....         | 82.0                     | 54.9                                      | 57.0                    | 63.3                                      | 62.7                            | 61.0        | 47.5                   |
| June .....        | 80.7                     | 57.5                                      | 58.8                    | 63.7                                      | 64.8                            | 62.0        | 49.9                   |
| July .....        | 81.5                     | 60.8                                      | 64.0                    | 69.0                                      | 68.5                            | 65.9        | 56.0                   |
| August .....      | 83.5                     | 65.6                                      | 68.9                    | 73.8                                      | 74.1                            | 70.9        | 61.1                   |
| September .....   | 90.1                     | 69.2                                      | 73.1                    | 77.7                                      | 77.4                            | 75.0        | 64.6                   |
| October .....     | 94.9                     | 69.6                                      | 72.5                    | 79.0                                      | 80.0                            | 76.9        | 64.4                   |
| November .....    | 100.1                    | 74.0                                      | 77.5                    | 82.8                                      | 83.3                            | 81.6        | 69.0                   |
| December .....    | 104.5                    | 76.0                                      | 78.3                    | 85.1                                      | 83.6                            | 85.3        | 70.1                   |
| <b>1999</b> ..... | <b>87.6</b>              | <b>60.5</b>                               | <b>63.9</b>             | <b>68.5</b>                               | <b>68.7</b>                     | <b>67.8</b> | <b>53.8</b>            |

<sup>a</sup> Includes sales of No. 2 fuel oil and high- and low-sulfur diesel fuels.

<sup>b</sup> Includes low-sulfur diesel fuel only.

<sup>c</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 16. U.S. No. 2 Diesel Fuel Prices by Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Sales to End Users                        |                         |   |                                 |             | Sales<br>for<br>Resale |
|-------------------|---|-------------------------|---|---------------------------------|-------------|------------------------|
|                   | Commercial/<br>Institutional<br>Consumers | Industrial<br>Consumers | Through<br>Retail<br>Outlets <sup>a</sup> | Other<br>End Users <sup>b</sup> | Average     |                        |
| <b>1994</b> ..... | <b>57.7</b>                               | <b>64.5</b>             | <b>67.3</b>                               | <b>66.1</b>                     | <b>62.8</b> | <b>53.8</b>            |
| <b>1995</b> ..... | <b>58.8</b>                               | <b>64.9</b>             | <b>67.0</b>                               | <b>67.7</b>                     | <b>63.6</b> | <b>54.6</b>            |
| <b>1996</b> ..... | <b>71.1</b>                               | <b>77.5</b>             | <b>78.8</b>                               | <b>79.6</b>                     | <b>75.7</b> | <b>66.7</b>            |
| <b>1997</b>       |   |                         |   |                                 |             |                        |
| January .....     | 75.6                                      | 81.7                    | 84.1                                      | 83.7                            | 80.4        | 70.7                   |
| February .....    | 73.7                                      | 79.1                    | 81.9                                      | 82.1                            | 78.3        | 68.5                   |
| March .....       | 68.3                                      | 73.2                    | 76.5                                      | 76.6                            | 72.9        | 63.4                   |
| April .....       | 67.1                                      | 72.7                    | 75.5                                      | 77.2                            | 72.3        | 62.8                   |
| May .....         | 66.0                                      | 71.3                    | 74.5                                      | 76.3                            | 71.3        | 61.3                   |
| June .....        | 62.8                                      | 68.2                    | 72.2                                      | 73.5                            | 68.6        | 57.4                   |
| July .....        | 61.8                                      | 67.1                    | 70.5                                      | 72.0                            | 67.2        | 56.6                   |
| August .....      | 64.2                                      | 69.1                    | 71.9                                      | 73.6                            | 69.1        | 59.6                   |
| September .....   | 63.6                                      | 69.3                    | 71.4                                      | 73.8                            | 68.6        | 58.6                   |
| October .....     | 67.1                                      | 71.8                    | 73.8                                      | 76.8                            | 71.6        | 62.6                   |
| November .....    | 67.4                                      | 71.7                    | 74.0                                      | 75.7                            | 71.5        | 62.5                   |
| December .....    | 62.3                                      | 67.3                    | 70.9                                      | 70.8                            | 67.1        | 56.4                   |
| <b>1997</b> ..... | <b>66.6</b>                               | <b>71.5</b>             | <b>74.5</b>                               | <b>75.7</b>                     | <b>71.4</b> | <b>61.6</b>            |
| <b>1998</b>       |   |                         |   |                                 |             |                        |
| January .....     | 57.1                                      | 62.0                    | 66.0                                      | 65.7                            | 62.1        | 50.9                   |
| February .....    | 55.4                                      | 60.1                    | 63.2                                      | 63.4                            | 59.9        | 49.3                   |
| March .....       | 52.9                                      | 57.7                    | 61.1                                      | 61.7                            | 57.7        | 46.9                   |
| April .....       | 54.7                                      | 59.0                    | 61.5                                      | 63.7                            | 59.0        | 49.3                   |
| May .....         | 54.0                                      | 58.0                    | 61.7                                      | 63.9                            | 58.9        | 48.3                   |
| June .....        | 50.8                                      | 55.1                    | 59.0                                      | 60.3                            | 55.8        | 44.6                   |
| July .....        | 49.8                                      | 54.6                    | 57.9                                      | 58.0                            | 54.6        | 43.5                   |
| August .....      | 48.8                                      | 53.1                    | 56.2                                      | 57.7                            | 53.4        | 42.2                   |
| September .....   | 51.4                                      | 55.8                    | 58.2                                      | 60.3                            | 55.7        | 46.2                   |
| October .....     | 51.7                                      | 55.9                    | 58.7                                      | 60.8                            | 56.2        | 46.2                   |
| November .....    | 49.1                                      | 53.5                    | 56.6                                      | 57.5                            | 53.5        | 42.4                   |
| December .....    | 44.7                                      | 49.3                    | 52.3                                      | 52.8                            | 49.2        | 36.7                   |
| <b>1998</b> ..... | <b>51.6</b>                               | <b>56.2</b>             | <b>59.3</b>                               | <b>60.4</b>                     | <b>56.2</b> | <b>45.4</b>            |
| <b>1999</b>       |   |                         |   |                                 |             |                        |
| January .....     | 44.6                                      | 48.9                    | 51.7                                      | 51.5                            | 48.8        | 37.4                   |
| February .....    | 43.5                                      | 48.5                    | 50.5                                      | 50.9                            | 47.8        | 36.2                   |
| March .....       | 49.5                                      | 54.2                    | 55.2                                      | 56.0                            | 53.2        | 44.1                   |
| April .....       | 55.5                                      | 58.5                    | 63.5                                      | 62.0                            | 59.9        | 49.4                   |
| May .....         | 54.7                                      | 57.3                    | 63.3                                      | 63.2                            | 59.8        | 48.4                   |
| June .....        | 57.8                                      | 59.2                    | 63.7                                      | 65.5                            | 61.5        | 50.9                   |
| July .....        | 61.5                                      | 64.3                    | 69.0                                      | 70.0                            | 66.0        | 56.9                   |
| August .....      | 66.5                                      | 69.3                    | 73.8                                      | 75.2                            | 71.0        | 62.0                   |
| September .....   | 69.6                                      | 73.2                    | 77.7                                      | 77.9                            | 74.5        | 65.3                   |
| October .....     | 69.8                                      | 72.7                    | 79.0                                      | 80.3                            | 75.5        | 65.3                   |
| November .....    | 74.2                                      | 77.8                    | 82.8                                      | 83.7                            | 79.3        | 70.0                   |
| December .....    | 75.8                                      | 78.6                    | 85.1                                      | 84.1                            | 81.0        | 70.9                   |
| <b>1999</b> ..... | <b>60.5</b>                               | <b>64.5</b>             | <b>68.5</b>                               | <b>69.4</b>                     | <b>65.4</b> | <b>55.2</b>            |

<sup>a</sup> Includes low-sulfur diesel fuel only.

<sup>b</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 17. U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month     | Low-Sulfur Diesel Fuel                    |                         |                              |                                    |             |                        | High-Sulfur Diesel Fuel                   |                         |                                    |             |                        |
|-------------------|---|-------------------------|------------------------------|------------------------------------|-------------|------------------------|---|-------------------------|------------------------------------|-------------|------------------------|
|                   | Sales to End Users                        |                         |                              |                                    |             | Sales<br>for<br>Resale | Sales to End Users                        |                         |                                    |             | Sales<br>for<br>Resale |
|                   | Commercial/<br>Institutional<br>Consumers | Industrial<br>Consumers | Through<br>Retail<br>Outlets | Other<br>End<br>Users <sup>a</sup> | Average     |                        | Commercial/<br>Institutional<br>Consumers | Industrial<br>Consumers | Other<br>End<br>Users <sup>a</sup> | Average     |                        |
| <b>1994</b> ..... | <b>59.1</b>                               | <b>66.0</b>             | <b>67.3</b>                  | <b>67.4</b>                        | <b>64.2</b> | <b>54.2</b>            | <b>55.3</b>                               | <b>62.9</b>             | <b>64.6</b>                        | <b>59.8</b> | <b>51.9</b>            |
| <b>1995</b> ..... | <b>59.8</b>                               | <b>66.3</b>             | <b>67.0</b>                  | <b>68.4</b>                        | <b>64.5</b> | <b>55.1</b>            | <b>56.8</b>                               | <b>63.6</b>             | <b>66.7</b>                        | <b>61.4</b> | <b>52.4</b>            |
| <b>1996</b> ..... | <b>72.3</b>                               | <b>79.1</b>             | <b>78.8</b>                  | <b>80.6</b>                        | <b>76.7</b> | <b>67.3</b>            | <b>68.7</b>                               | <b>75.9</b>             | <b>78.4</b>                        | <b>73.2</b> | <b>63.9</b>            |
| <b>1997</b>       |   |                         |                              |                                    |             |                        |   |                         |                                    |             |                        |
| January .....     | 76.6                                      | 82.7                    | 84.1                         | 83.7                               | 81.2        | 71.0                   | 73.8                                      | 80.7                    | 83.7                               | 78.2        | 69.4                   |
| February .....    | 74.9                                      | 81.6                    | 81.9                         | 82.5                               | 79.3        | 68.8                   | 71.5                                      | 76.8                    | 81.7                               | 75.4        | 66.5                   |
| March .....       | 69.0                                      | 74.8                    | 76.5                         | 76.7                               | 73.7        | 64.0                   | 67.0                                      | 71.7                    | 76.6                               | 70.6        | 60.9                   |
| April .....       | 67.7                                      | 74.4                    | 75.5                         | 77.0                               | 72.8        | 63.2                   | 65.8                                      | 71.0                    | 77.4                               | 70.6        | 60.6                   |
| May .....         | 66.4                                      | 72.0                    | 74.5                         | 76.3                               | 71.8        | 61.8                   | 65.1                                      | 70.5                    | 76.3                               | 69.9        | 59.1                   |
| June .....        | 62.9                                      | 68.7                    | 72.2                         | 73.9                               | 69.1        | 57.7                   | 62.6                                      | 67.6                    | 73.0                               | 66.9        | 56.1                   |
| July .....        | 61.7                                      | 67.7                    | 70.5                         | 72.5                               | 67.7        | 56.9                   | 61.9                                      | 66.5                    | 71.4                               | 65.9        | 55.1                   |
| August .....      | 64.4                                      | 69.8                    | 71.9                         | 74.2                               | 69.6        | 59.9                   | 63.9                                      | 68.4                    | 72.7                               | 67.5        | 58.0                   |
| September .....   | 63.5                                      | 70.3                    | 71.4                         | 74.2                               | 68.9        | 58.7                   | 63.7                                      | 68.1                    | 73.2                               | 67.5        | 57.9                   |
| October .....     | 67.2                                      | 72.3                    | 73.8                         | 77.2                               | 71.9        | 62.9                   | 66.8                                      | 71.1                    | 76.3                               | 70.8        | 61.0                   |
| November .....    | 67.5                                      | 72.0                    | 74.0                         | 76.3                               | 71.9        | 63.0                   | 67.1                                      | 71.2                    | 74.9                               | 70.2        | 59.9                   |
| December .....    | 62.9                                      | 66.9                    | 70.9                         | 71.4                               | 67.8        | 56.7                   | 61.1                                      | 67.7                    | 70.0                               | 64.9        | 54.9                   |
| <b>1997</b> ..... | <b>67.0</b>                               | <b>72.2</b>             | <b>74.5</b>                  | <b>76.0</b>                        | <b>71.9</b> | <b>61.9</b>            | <b>65.9</b>                               | <b>70.8</b>             | <b>75.3</b>                        | <b>69.8</b> | <b>60.2</b>            |
| <b>1998</b>       |   |                         |                              |                                    |             |                        |   |                         |                                    |             |                        |
| January .....     | 57.3                                      | 61.4                    | 66.0                         | 65.3                               | 62.6        | 51.3                   | 56.6                                      | 62.7                    | 66.3                               | 60.3        | 49.1                   |
| February .....    | 55.3                                      | 59.2                    | 63.2                         | 63.3                               | 60.2        | 49.6                   | 55.4                                      | 61.1                    | 63.7                               | 58.8        | 47.9                   |
| March .....       | 53.0                                      | 57.1                    | 61.1                         | 61.7                               | 58.1        | 47.2                   | 52.8                                      | 58.3                    | 61.6                               | 56.2        | 45.1                   |
| April .....       | 54.6                                      | 58.4                    | 61.5                         | 63.6                               | 59.1        | 49.7                   | 54.8                                      | 59.7                    | 63.8                               | 58.6        | 46.8                   |
| May .....         | 53.8                                      | 57.9                    | 61.7                         | 63.8                               | 59.0        | 48.8                   | 54.4                                      | 58.2                    | 64.1                               | 58.5        | 45.5                   |
| June .....        | 50.7                                      | 54.2                    | 59.0                         | 60.3                               | 56.0        | 45.0                   | 50.9                                      | 56.3                    | 60.3                               | 55.1        | 42.4                   |
| July .....        | 49.8                                      | 53.8                    | 57.9                         | 57.9                               | 54.9        | 43.8                   | 50.0                                      | 55.5                    | 58.2                               | 53.7        | 41.6                   |
| August .....      | 48.5                                      | 53.1                    | 56.2                         | 57.3                               | 53.6        | 42.4                   | 49.5                                      | 53.2                    | 58.3                               | 52.8        | 40.7                   |
| September .....   | 51.6                                      | 55.9                    | 58.2                         | 60.1                               | 55.9        | 46.6                   | 50.8                                      | 55.8                    | 60.5                               | 54.8        | 44.0                   |
| October .....     | 51.5                                      | 56.0                    | 58.7                         | 60.4                               | 56.2        | 46.5                   | 52.4                                      | 55.9                    | 61.4                               | 56.1        | 44.8                   |
| November .....    | 49.0                                      | 53.2                    | 56.6                         | 57.1                               | 53.8        | 42.7                   | 49.2                                      | 54.0                    | 58.2                               | 52.7        | 40.6                   |
| December .....    | 44.6                                      | 49.0                    | 52.3                         | 51.8                               | 49.4        | 36.9                   | 45.0                                      | 49.7                    | 54.4                               | 48.5        | 35.7                   |
| <b>1998</b> ..... | <b>51.5</b>                               | <b>55.7</b>             | <b>59.3</b>                  | <b>60.1</b>                        | <b>56.5</b> | <b>45.7</b>            | <b>51.8</b>                               | <b>56.7</b>             | <b>60.8</b>                        | <b>55.5</b> | <b>43.7</b>            |
| <b>1999</b>       |   |                         |                              |                                    |             |                        |   |                         |                                    |             |                        |
| January .....     | 45.2                                      | 48.3                    | 51.7                         | 50.9                               | 49.3        | 37.6                   | 43.4                                      | 49.6                    | 52.5                               | 47.1        | 36.1                   |
| February .....    | 43.8                                      | 47.7                    | 50.5                         | 50.4                               | 48.1        | 36.5                   | 43.0                                      | 49.3                    | 51.8                               | 46.6        | 34.6                   |
| March .....       | 50.0                                      | 53.4                    | 55.2                         | 55.7                               | 53.5        | 44.6                   | 48.7                                      | 55.1                    | 56.6                               | 52.3        | 41.5                   |
| April .....       | 57.1                                      | 58.8                    | 63.5                         | 62.9                               | 61.1        | 49.9                   | 52.3                                      | 58.2                    | 60.7                               | 55.8        | 46.4                   |
| May .....         | 56.1                                      | 57.6                    | 63.3                         | 63.7                               | 60.8        | 48.7                   | 52.0                                      | 56.8                    | 62.3                               | 56.0        | 46.3                   |
| June .....        | 59.3                                      | 59.2                    | 63.7                         | 67.4                               | 62.5        | 51.4                   | 54.9                                      | 59.3                    | 62.6                               | 57.9        | 47.4                   |
| July .....        | 63.2                                      | 64.1                    | 69.0                         | 71.6                               | 67.2        | 57.4                   | 58.2                                      | 64.7                    | 67.3                               | 61.9        | 53.5                   |
| August .....      | 67.6                                      | 69.0                    | 73.8                         | 77.6                               | 72.0        | 62.5                   | 64.1                                      | 69.7                    | 71.6                               | 67.5        | 58.8                   |
| September .....   | 70.5                                      | 72.3                    | 77.7                         | 78.7                               | 75.2        | 65.7                   | 67.4                                      | 74.4                    | 76.6                               | 71.8        | 62.7                   |
| October .....     | 70.7                                      | 71.8                    | 79.0                         | 80.8                               | 76.3        | 65.7                   | 68.0                                      | 74.0                    | 79.4                               | 72.6        | 62.4                   |
| November .....    | 75.9                                      | 76.5                    | 82.8                         | 86.1                               | 80.5        | 70.6                   | 70.9                                      | 79.7                    | 79.4                               | 74.9        | 66.2                   |
| December .....    | 77.0                                      | 77.7                    | 85.1                         | 85.3                               | 82.0        | 71.4                   | 73.2                                      | 79.7                    | 82.1                               | 77.0        | 67.7                   |
| <b>1999</b> ..... | <b>61.7</b>                               | <b>64.3</b>             | <b>68.5</b>                  | <b>70.4</b>                        | <b>66.3</b> | <b>55.7</b>            | <b>58.0</b>                               | <b>64.8</b>             | <b>67.6</b>                        | <b>62.0</b> | <b>51.9</b>            |

<sup>a</sup> All end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Notes: The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**  
(Cents per Gallon Excluding Taxes)

| Year<br>Month   | U.S.<br>Average | PAD District I |       |       |       |       |       |       |       |       |
|-----------------|-----------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |                 | Average        | CT    | ME    | MA    | NH    | RI    | VT    | DE    | DC    |
| 1978 .....      | 49.0            | —              | 50.1  | 48.6  | 48.8  | 50.3  | 50.7  | 50.8  | 47.8  | 50.7  |
| 1979 .....      | 70.4            | —              | 72.0  | 68.8  | 70.9  | 72.5  | 72.8  | 72.5  | 68.2  | 74.2  |
| 1980 .....      | 97.4            | —              | 98.3  | 96.3  | 97.8  | 100.4 | 101.1 | 101.5 | 95.4  | 102.6 |
| 1981 .....      | 119.4           | —              | 121.7 | 120.4 | 121.3 | 123.7 | 123.8 | 125.4 | 117.3 | 127.4 |
| 1982 .....      | 116.0           | —              | 118.3 | 115.5 | 117.6 | 117.4 | 120.1 | 120.1 | 111.3 | 124.5 |
| 1983 .....      | 107.8           | 109.0          | 109.1 | 102.8 | 109.1 | 104.1 | 110.5 | 112.9 | 106.0 | 117.0 |
| 1984 .....      | 109.1           | 111.3          | 112.1 | 103.9 | 111.6 | 108.4 | 111.4 | 111.9 | 109.6 | 118.7 |
| 1985 .....      | 105.3           | 106.8          | 108.0 | 99.7  | 107.0 | 102.4 | 106.7 | 107.7 | 104.6 | 114.3 |
| 1986 .....      | 83.6            | 86.2           | 89.0  | 74.4  | 82.1  | 75.9  | 82.8  | 86.6  | 85.0  | 93.1  |
| 1987 .....      | 80.3            | 81.4           | 83.4  | 74.7  | 80.6  | 76.5  | 82.5  | 81.1  | 79.3  | 91.8  |
| 1988 .....      | 81.3            | 82.7           | 85.3  | 77.7  | 82.1  | 78.2  | 83.6  | 82.6  | 80.1  | 91.6  |
| 1989 .....      | 90.0            | 91.7           | 92.9  | 89.4  | 92.6  | 89.3  | 93.9  | 90.5  | 88.2  | 98.6  |
| 1990 .....      | 106.3           | 108.1          | 109.8 | 98.9  | 108.4 | 102.8 | 108.6 | 107.0 | 105.8 | 107.8 |
| 1991 .....      | 101.9           | 104.1          | 106.2 | 96.0  | 103.0 | 91.6  | 99.9  | 101.9 | 99.7  | 112.2 |
| 1992 .....      | 93.4            | 94.9           | 94.7  | 87.1  | 92.5  | 85.6  | 91.2  | 92.1  | 92.3  | 105.7 |
| 1993 .....      | 91.1            | 92.1           | 91.9  | 82.6  | 89.7  | 82.8  | 89.3  | 90.4  | 89.9  | 104.5 |
| 1994 .....      | 88.4            | 89.4           | 89.0  | 81.8  | 87.0  | 79.2  | 88.5  | 87.6  | 89.4  | 100.0 |
| 1995 .....      | 86.7            | 87.5           | 86.4  | 78.7  | 84.4  | 77.9  | 87.4  | 85.3  | 87.0  | 101.0 |
| 1996 .....      | 98.9            | 100.0          | 98.6  | 97.2  | 97.6  | 94.0  | 98.6  | 96.9  | 98.4  | 117.8 |
| <b>1997</b>     |                 |                |       |       |       |       |       |       |       |       |
| January .....   | 107.9           | 109.0          | 108.6 | 105.2 | 106.5 | 102.1 | 107.0 | 104.4 | 106.5 | 130.4 |
| February .....  | 105.1           | 106.0          | 105.2 | 102.2 | 103.4 | 101.0 | 104.5 | 103.5 | 104.2 | 127.0 |
| March .....     | 101.6           | 102.5          | 99.3  | 94.3  | 97.7  | 98.6  | 100.4 | 103.1 | 100.7 | 121.4 |
| April .....     | 99.2            | 100.3          | 97.6  | 90.9  | 95.9  | 95.2  | 99.4  | 100.4 | 100.1 | 116.3 |
| May .....       | 96.4            | 97.1           | 93.4  | 90.6  | 93.0  | 91.9  | 97.3  | 97.7  | 96.4  | 108.6 |
| June .....      | 92.3            | 92.9           | 89.9  | 88.1  | 89.1  | 89.1  | 93.3  | 92.9  | 90.8  | 99.9  |
| July .....      | 88.3            | 88.7           | 83.7  | 86.7  | 87.5  | 85.6  | 91.6  | 91.1  | 88.8  | W     |
| August .....    | 86.9            | 86.8           | 84.2  | 85.8  | 84.7  | 85.3  | 91.0  | 92.7  | 89.2  | W     |
| September ..... | 88.7            | 89.0           | 85.5  | 87.0  | 87.0  | 86.3  | 91.2  | 91.7  | 88.5  | NA    |
| October .....   | 92.3            | 92.8           | 88.9  | 90.0  | 89.5  | 88.2  | 94.6  | 93.1  | 88.0  | 106.7 |
| November .....  | 94.1            | 94.6           | 91.3  | 92.0  | 90.7  | 88.6  | 95.4  | 94.7  | 92.0  | W     |
| December .....  | 93.8            | 94.6           | 91.9  | 90.9  | 89.9  | 88.5  | 94.6  | 94.0  | 94.2  | 111.8 |
| 1997 .....      | 98.4            | 99.3           | 96.3  | 94.2  | 96.0  | 94.2  | 98.9  | 98.7  | 98.4  | 117.4 |
| <b>1998</b>     |                 |                |       |       |       |       |       |       |       |       |
| January .....   | 92.5            | 93.5           | 90.7  | 88.0  | 88.8  | 86.6  | 93.3  | 92.5  | 92.4  | 111.0 |
| February .....  | 91.6            | 92.8           | 90.1  | 85.1  | 87.7  | 86.7  | 92.6  | 91.6  | 91.9  | 110.0 |
| March .....     | 89.6            | 90.8           | 88.0  | 82.3  | 86.7  | 84.1  | 90.1  | 92.1  | 90.6  | 104.9 |
| April .....     | 87.7            | 88.6           | 85.8  | 81.6  | 83.5  | 81.3  | 88.9  | 89.1  | 88.5  | 100.3 |
| May .....       | 84.9            | 85.9           | 83.2  | 80.3  | 81.9  | 79.4  | 87.2  | 86.7  | 82.3  | NA    |
| June .....      | 81.2            | 82.1           | 78.1  | 78.6  | 78.5  | 75.6  | 84.4  | 84.3  | 79.8  | 89.8  |
| July .....      | 77.7            | 78.4           | 74.4  | 76.0  | 76.2  | 70.5  | 83.3  | 81.4  | 74.1  | 84.0  |
| August .....    | 75.5            | 76.1           | 71.4  | 74.3  | 74.0  | 68.5  | 78.6  | 80.9  | 74.5  | 85.6  |
| September ..... | 77.0            | 77.6           | 72.4  | 74.4  | 74.2  | 70.8  | 78.8  | 80.5  | 73.0  | 84.6  |
| October .....   | 78.6            | 79.1           | 75.5  | 74.1  | 75.3  | 71.1  | 81.7  | 82.4  | 76.4  | W     |
| November .....  | 79.9            | 80.6           | 77.0  | 73.3  | 74.7  | 72.3  | 80.4  | 82.0  | 82.4  | W     |
| December .....  | 78.9            | 79.6           | 77.1  | 70.9  | 74.3  | 71.4  | 79.9  | 81.7  | 80.9  | W     |
| 1998 .....      | 85.2            | 86.2           | 83.1  | 78.8  | 81.8  | 78.8  | 86.8  | 87.3  | 85.8  | 102.2 |
| <b>1999</b>     |                 |                |       |       |       |       |       |       |       |       |
| January .....   | 80.5            | 81.4           | 78.6  | 72.0  | 76.1  | 70.8  | 79.9  | 80.6  | 82.1  | W     |
| February .....  | 80.0            | 80.8           | 77.3  | 71.6  | 75.6  | 70.4  | 79.4  | 79.7  | 80.4  | W     |
| March .....     | 81.0            | 81.4           | 77.9  | 74.3  | 76.1  | 70.4  | 79.3  | 79.5  | 82.9  | W     |
| April .....     | 83.0            | 83.2           | 79.6  | 79.3  | 76.9  | 70.2  | 79.2  | 80.4  | 88.7  | W     |
| May .....       | 82.0            | 82.3           | 76.7  | 79.2  | 77.6  | 69.0  | 79.5  | 79.8  | NA    | W     |
| June .....      | 80.7            | 80.9           | 74.6  | 77.5  | 76.1  | 68.5  | 78.2  | 78.5  | 77.0  | W     |
| July .....      | 81.5            | 81.4           | 77.3  | 79.9  | 77.6  | 69.7  | 79.0  | 80.1  | 76.0  | W     |
| August .....    | 83.5            | 82.7           | 79.5  | 83.1  | 80.4  | 74.5  | 81.2  | 82.4  | 78.1  | W     |
| September ..... | 90.1            | 89.6           | 85.2  | 89.0  | 86.1  | 82.0  | 90.6  | 88.2  | 85.0  | W     |
| October .....   | 94.9            | 94.9           | 90.9  | 91.4  | 91.0  | 87.8  | 93.0  | 92.4  | 90.3  | W     |
| November .....  | 100.1           | 100.2          | 95.8  | 97.2  | 96.5  | 92.0  | 96.8  | 95.7  | 97.0  | W     |
| December .....  | 104.5           | 104.9          | 100.9 | 100.4 | 100.0 | 99.0  | 101.6 | 99.6  | 104.2 | W     |
| 1999 .....      | 87.6            | 88.0           | 85.2  | 81.3  | 83.6  | 77.0  | 85.8  | 85.4  | 88.4  | 101.1 |

See footnotes at end of table.

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**

(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month     | PAD District I (Continued) |              |              |             |             |             | PAD District II |             |             |             |
|-------------------|----------------------------|--------------|--------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|
|                   | MD                         | NJ           | NY           | PA          | VA          | WV          | Average         | IL          | IN          | MI          |
| <b>1978</b> ..... | 49.2                       | 49.6         | 50.1         | 48.8        | 49.1        | 46.2        | —               | 46.5        | 48.5        | 47.9        |
| <b>1979</b> ..... | 70.1                       | 71.0         | 71.2         | 69.8        | 70.4        | 65.1        | —               | 68.8        | 72.7        | 70.9        |
| <b>1980</b> ..... | 97.9                       | 97.9         | 98.2         | 96.4        | 98.5        | 92.2        | —               | 95.8        | 99.6        | 97.8        |
| <b>1981</b> ..... | 121.4                      | 121.5        | 123.2        | 118.1       | 120.5       | 115.0       | —               | 114.9       | 118.5       | 118.3       |
| <b>1982</b> ..... | 117.1                      | 117.4        | 120.5        | 113.7       | 117.7       | 109.3       | —               | 110.9       | 114.3       | 113.9       |
| <b>1983</b> ..... | 110.3                      | 107.9        | 112.1        | 105.8       | 108.7       | 101.0       | 102.0           | 100.4       | 100.7       | 106.4       |
| <b>1984</b> ..... | 113.5                      | 111.0        | 115.5        | 107.9       | 110.5       | 102.1       | 101.7           | 100.1       | 103.1       | 105.0       |
| <b>1985</b> ..... | 108.8                      | 105.9        | 111.3        | 102.3       | 106.3       | 98.0        | 99.4            | 97.5        | 99.1        | 102.1       |
| <b>1986</b> ..... | 91.4                       | 90.2         | 91.1         | 81.4        | 86.6        | 74.6        | 72.7            | NA          | 74.8        | 81.0        |
| <b>1987</b> ..... | 86.6                       | 84.3         | 85.2         | 76.9        | 79.5        | 76.4        | 74.8            | 79.8        | 75.4        | 77.5        |
| <b>1988</b> ..... | 87.0                       | 84.8         | 86.3         | 77.8        | 80.5        | 74.2        | 74.3            | 77.6        | 75.4        | 77.5        |
| <b>1989</b> ..... | 93.8                       | 91.8         | 95.8         | 85.1        | 87.0        | 83.0        | 81.9            | 80.9        | 83.2        | 85.3        |
| <b>1990</b> ..... | 111.9                      | 108.8        | 112.5        | 102.6       | 110.6       | 99.1        | 97.8            | 96.1        | 99.3        | 100.9       |
| <b>1991</b> ..... | 108.4                      | 104.0        | 111.3        | 99.7        | 101.1       | 93.4        | 90.8            | 92.7        | 91.8        | 94.2        |
| <b>1992</b> ..... | 100.0                      | 93.9         | 102.8        | 89.0        | 92.8        | 86.4        | 82.9            | 87.7        | 81.2        | 87.2        |
| <b>1993</b> ..... | 98.1                       | 92.4         | 100.1        | 86.3        | 89.3        | 85.6        | 83.3            | 84.4        | 81.0        | 87.2        |
| <b>1994</b> ..... | 95.0                       | 89.5         | 96.6         | 85.7        | 85.3        | 80.9        | 80.8            | 78.4        | 81.2        | 86.3        |
| <b>1995</b> ..... | 93.6                       | 88.8         | 95.5         | 82.6        | 84.4        | 81.5        | 80.9            | 78.5        | 81.6        | 86.0        |
| <b>1996</b> ..... | 106.3                      | 102.4        | 106.3        | 95.3        | 95.2        | 96.0        | 91.3            | 89.3        | 91.2        | 97.7        |
| <b>1997</b>       |                            |              |              |             |             |             |                 |             |             |             |
| January .....     | 117.1                      | 111.6        | 114.3        | 104.2       | 105.5       | 103.8       | 99.7            | 99.2        | 100.9       | 105.6       |
| February .....    | 115.0                      | 108.7        | 111.6        | 102.1       | 102.7       | 101.2       | 97.7            | 93.2        | 97.0        | 104.4       |
| March .....       | 108.1                      | 104.9        | 111.2        | 97.7        | 100.4       | 98.1        | 93.2            | 90.2        | 94.7        | NA          |
| April .....       | 105.6                      | 102.8        | 109.4        | 94.8        | 96.7        | 95.7        | 90.7            | 85.5        | NA          | 91.7        |
| May .....         | 101.9                      | 100.1        | 107.7        | 92.4        | 89.9        | 92.9        | 90.4            | 81.9        | 88.7        | 90.7        |
| June .....        | 98.0                       | 97.2         | 103.6        | 87.6        | 87.8        | 90.6        | 87.0            | 81.4        | 84.2        | 88.2        |
| July .....        | 96.1                       | 90.3         | 99.4         | 82.0        | 85.9        | 87.4        | 83.3            | 79.9        | 79.9        | 84.9        |
| August .....      | 93.8                       | 90.1         | 92.9         | 80.7        | 85.3        | 85.0        | 84.2            | 81.3        | 83.2        | 87.4        |
| September .....   | 94.7                       | 91.2         | 94.5         | 82.8        | 88.9        | 87.6        | 84.4            | 77.4        | 80.4        | 88.3        |
| October .....     | 97.8                       | 95.4         | 100.6        | 87.2        | 90.2        | 88.1        | 87.1            | 82.6        | 84.5        | 88.9        |
| November .....    | 100.3                      | 97.8         | 101.7        | 89.5        | 91.8        | 92.2        | 88.3            | 81.5        | 85.0        | 93.6        |
| December .....    | 100.9                      | 98.2         | 101.8        | 89.9        | 92.5        | 93.6        | 85.8            | 82.1        | 81.8        | 88.9        |
| <b>1997</b> ..... | <b>105.7</b>               | <b>103.3</b> | <b>106.5</b> | <b>95.0</b> | <b>94.8</b> | <b>96.2</b> | <b>91.0</b>     | <b>87.0</b> | <b>86.5</b> | <b>94.2</b> |
| <b>1998</b>       |                            |              |              |             |             |             |                 |             |             |             |
| January .....     | 100.4                      | 96.5         | 101.4        | 89.2        | 92.1        | 91.1        | 82.6            | 80.4        | 79.9        | 85.9        |
| February .....    | 98.8                       | 95.8         | 101.0        | 88.5        | 91.4        | 88.9        | 80.6            | 79.7        | 78.9        | 84.2        |
| March .....       | 96.8                       | 92.9         | 98.3         | 86.2        | 89.6        | 88.5        | 79.6            | 77.2        | 77.9        | 83.3        |
| April .....       | 93.1                       | 91.7         | 97.1         | 84.0        | 88.4        | 86.8        | 79.2            | 74.4        | 77.0        | 81.8        |
| May .....         | 89.0                       | 89.6         | 95.0         | 82.1        | 83.8        | 82.1        | 76.7            | 70.0        | 73.2        | 81.5        |
| June .....        | 85.8                       | 83.9         | 92.2         | 75.7        | 82.4        | 79.8        | 74.0            | NA          | 72.1        | 79.3        |
| July .....        | 81.2                       | 79.0         | 89.0         | 70.1        | 81.4        | 73.3        | 72.8            | 70.7        | 69.7        | 76.5        |
| August .....      | 79.4                       | 77.1         | 83.7         | 69.9        | 79.0        | 72.6        | 70.8            | NA          | 71.0        | 74.5        |
| September .....   | 81.7                       | 80.3         | 85.2         | 71.7        | 80.1        | 72.6        | 72.6            | 66.2        | 72.5        | 75.9        |
| October .....     | 80.3                       | 82.3         | 88.0         | 74.1        | 80.3        | 76.9        | 73.8            | 69.8        | 73.0        | 77.3        |
| November .....    | 82.1                       | 83.5         | 89.3         | 76.6        | 81.2        | 76.8        | 73.1            | 70.8        | 71.9        | 77.9        |
| December .....    | 80.3                       | 82.6         | 88.5         | 76.0        | 79.9        | 73.8        | 71.3            | 66.6        | 69.3        | 77.9        |
| <b>1998</b> ..... | <b>90.2</b>                | <b>89.2</b>  | <b>94.8</b>  | <b>81.4</b> | <b>85.6</b> | <b>81.8</b> | <b>76.5</b>     | <b>73.5</b> | <b>74.8</b> | <b>80.4</b> |
| <b>1999</b>       |                            |              |              |             |             |             |                 |             |             |             |
| January .....     | 85.7                       | 83.5         | 90.3         | 77.8        | 81.2        | 74.6        | 71.7            | 68.6        | 71.4        | 76.2        |
| February .....    | 86.1                       | 83.4         | 89.6         | 77.3        | 81.4        | 72.6        | 71.1            | 65.9        | 71.0        | 76.5        |
| March .....       | 86.8                       | 83.6         | 90.6         | 77.3        | 81.6        | 78.4        | 73.8            | 67.8        | 73.7        | 77.7        |
| April .....       | 86.9                       | 88.6         | 94.2         | 75.4        | 85.8        | 71.9        | 76.4            | 63.4        | 75.6        | 81.5        |
| May .....         | 84.5                       | 87.0         | 95.6         | 75.0        | 83.5        | 71.2        | 75.3            | 60.2        | 72.9        | NA          |
| June .....        | 81.8                       | 84.4         | 96.2         | 73.3        | 82.6        | 66.2        | 74.3            | W           | 74.0        | NA          |
| July .....        | 84.4                       | 86.1         | 95.5         | 72.8        | 83.0        | 69.7        | 78.4            | 62.8        | 76.3        | NA          |
| August .....      | 85.9                       | 88.0         | NA           | 73.9        | 84.8        | 75.8        | 84.4            | 80.6        | 84.5        | NA          |
| September .....   | 92.4                       | 94.9         | 98.6         | 81.1        | 88.8        | 79.4        | 89.8            | 85.7        | 91.7        | NA          |
| October .....     | 95.7                       | 100.8        | 105.6        | 86.0        | 92.9        | NA          | 92.6            | 89.2        | 90.9        | NA          |
| November .....    | 102.2                      | 105.7        | 111.0        | 91.3        | 99.2        | NA          | 97.6            | 92.6        | 96.8        | NA          |
| December .....    | 107.9                      | 111.8        | 114.7        | 95.4        | 103.7       | NA          | 100.6           | 95.7        | 99.3        | NA          |
| <b>1999</b> ..... | <b>90.7</b>                | <b>91.3</b>  | <b>96.9</b>  | <b>81.5</b> | <b>87.0</b> | <b>78.9</b> | <b>82.3</b>     | <b>71.6</b> | <b>79.3</b> | <b>88.3</b> |

See footnotes at end of table.

**Table 18. Prices of No. 2 Distillate to Residences by PAD District and Selected States**

(Cents per Gallon Excluding Taxes) — Continued

| Year<br>Month     | PAD District II (Continued) |             |             | PAD<br>District III<br>Average | PAD District IV |             | PAD District V |             |              |              |
|-------------------|-----------------------------|-------------|-------------|--------------------------------|-----------------|-------------|----------------|-------------|--------------|--------------|
|                   | MN                          | OH          | WI          |                                | Average         | ID          | Average        | AK          | OR           | WA           |
| <b>1978</b> ..... | 47.8                        | 47.4        | 44.7        | —                              | —               | 43.6        | —              | 53.2        | 45.8         | 48.6         |
| <b>1979</b> ..... | 72.4                        | 68.6        | 67.3        | —                              | —               | 62.1        | —              | 68.2        | 68.0         | 69.7         |
| <b>1980</b> ..... | 99.9                        | 91.9        | 91.5        | —                              | —               | 91.6        | —              | 97.8        | 97.3         | 100.8        |
| <b>1981</b> ..... | 118.4                       | 113.2       | 109.1       | —                              | —               | 110.4       | —              | 118.0       | 111.4        | 116.5        |
| <b>1982</b> ..... | 115.1                       | 110.2       | 107.8       | —                              | —               | 110.4       | —              | 117.4       | 111.6        | 117.6        |
| <b>1983</b> ..... | 103.1                       | 101.3       | 101.2       | 87.4                           | 94.2            | 101.8       | 106.4          | 108.8       | 103.6        | 109.0        |
| <b>1984</b> ..... | 104.1                       | 102.1       | 101.0       | 97.9                           | 96.8            | 98.5        | 101.5          | 106.9       | 99.3         | 102.6        |
| <b>1985</b> ..... | 101.9                       | 99.7        | 98.3        | 92.5                           | 96.1            | 97.2        | 100.9          | 108.3       | 97.1         | 101.1        |
| <b>1986</b> ..... | 79.2                        | 77.7        | 75.6        | 67.4                           | 70.6            | 73.8        | 78.1           | 94.9        | 70.4         | 77.5         |
| <b>1987</b> ..... | 74.6                        | 74.7        | 75.1        | 63.7                           | 69.6            | 68.8        | 77.8           | 86.5        | 72.5         | 79.5         |
| <b>1988</b> ..... | 73.5                        | 74.7        | 73.9        | 62.8                           | 69.1            | 68.8        | 76.9           | 86.9        | 70.9         | 78.5         |
| <b>1989</b> ..... | 82.4                        | 81.6        | 81.1        | 70.7                           | 78.6            | 77.8        | 86.6           | 96.4        | 80.2         | 87.4         |
| <b>1990</b> ..... | 101.4                       | 98.1        | 94.2        | 85.5                           | 97.0            | 97.4        | 102.6          | 110.1       | 97.0         | 102.9        |
| <b>1991</b> ..... | 91.1                        | 91.0        | 89.5        | 78.7                           | 92.4            | 95.1        | 99.8           | 105.0       | 93.3         | 101.6        |
| <b>1992</b> ..... | 82.6                        | 83.6        | 81.6        | 71.3                           | 84.8            | 85.7        | 92.1           | 94.1        | 87.6         | 94.0         |
| <b>1993</b> ..... | 83.2                        | 84.0        | 82.3        | 75.4                           | 86.0            | 86.2        | 96.8           | 96.1        | 91.8         | 99.9         |
| <b>1994</b> ..... | 80.6                        | 81.2        | 81.1        | 71.4                           | 78.6            | 78.9        | 90.9           | 86.5        | 88.7         | 95.0         |
| <b>1995</b> ..... | 80.1                        | 80.8        | 81.2        | 69.0                           | 84.4            | 83.9        | 90.6           | 83.4        | 89.4         | 96.2         |
| <b>1996</b> ..... | 90.9                        | 92.1        | 89.9        | 77.5                           | 94.2            | 93.3        | 99.9           | 90.9        | 98.9         | 108.0        |
| <b>1997</b>       |                             |             |             |                                |                 |             |                |             |              |              |
| January .....     | 99.4                        | 100.7       | 98.3        | 85.5                           | 96.8            | 94.9        | 108.5          | 97.2        | 105.7        | 117.6        |
| February .....    | 97.0                        | 98.4        | 96.8        | 79.7                           | 97.3            | 94.5        | 109.1          | 97.7        | 106.7        | 118.8        |
| March .....       | 91.4                        | 92.3        | 96.8        | 75.1                           | 97.5            | 100.6       | 109.3          | 98.9        | 107.5        | 116.6        |
| April .....       | 89.4                        | 92.3        | 92.9        | 74.7                           | 95.9            | 98.3        | 107.7          | 97.6        | 106.0        | 114.9        |
| May .....         | 89.0                        | 90.4        | 93.4        | 70.9                           | 94.5            | 98.4        | 103.9          | 96.5        | 104.6        | 109.1        |
| June .....        | 87.2                        | 86.8        | 90.8        | 70.3                           | NA              | 93.4        | 102.5          | 96.1        | 100.2        | 112.2        |
| July .....        | 84.7                        | 83.2        | 86.9        | 70.4                           | 89.9            | 89.9        | 103.3          | 97.6        | 96.8         | NA           |
| August .....      | 84.7                        | 81.7        | 86.5        | 72.3                           | 88.6            | 91.2        | 101.6          | 96.5        | 99.2         | 108.8        |
| September .....   | 83.6                        | 84.2        | 88.0        | 72.1                           | 91.1            | 92.5        | 103.6          | 96.8        | 101.2        | 110.9        |
| October .....     | 86.2                        | 88.2        | 89.5        | 73.9                           | 91.8            | 93.0        | 104.3          | 97.8        | 101.6        | 111.6        |
| November .....    | 86.4                        | 89.2        | 89.8        | 72.9                           | 93.7            | 94.4        | 105.7          | 98.2        | 102.3        | 112.8        |
| December .....    | 84.4                        | 85.8        | 88.6        | 68.5                           | 92.4            | 93.4        | 102.4          | 96.4        | 98.4         | 109.0        |
| <b>1997</b> ..... | <b>89.9</b>                 | <b>91.3</b> | <b>93.3</b> | <b>73.8</b>                    | <b>93.7</b>     | <b>95.3</b> | <b>106.0</b>   | <b>97.3</b> | <b>103.1</b> | <b>113.9</b> |
| <b>1998</b>       |                             |             |             |                                |                 |             |                |             |              |              |
| January .....     | 81.5                        | 82.2        | 85.4        | 66.2                           | 83.2            | 84.9        | 98.6           | NA          | 93.6         | 104.6        |
| February .....    | 78.1                        | 80.9        | 83.6        | 64.7                           | 79.4            | 80.8        | 94.7           | 87.4        | 89.3         | 100.8        |
| March .....       | 77.2                        | 79.5        | 83.0        | 62.3                           | 76.9            | 78.6        | 92.7           | 86.5        | 85.8         | 98.9         |
| April .....       | 77.8                        | 79.5        | 81.6        | 63.0                           | 79.1            | 79.6        | 92.7           | 86.8        | 86.2         | 98.8         |
| May .....         | 72.6                        | 78.8        | 80.5        | 61.2                           | 76.9            | 78.1        | 90.9           | 86.2        | 85.2         | 97.3         |
| June .....        | 68.8                        | 75.1        | 78.8        | W                              | 75.1            | 74.9        | 86.3           | 85.8        | 82.2         | 89.9         |
| July .....        | 69.4                        | 72.7        | 77.8        | 56.2                           | 73.0            | NA          | 83.2           | 81.8        | 82.2         | 86.5         |
| August .....      | 68.2                        | 70.1        | 75.5        | 55.1                           | 77.3            | 79.6        | 84.5           | 82.5        | 84.4         | 87.7         |
| September .....   | 70.5                        | 72.3        | 74.9        | 59.8                           | 78.2            | 78.4        | 86.4           | 83.4        | 83.7         | 90.2         |
| October .....     | 70.7                        | 74.4        | 76.8        | 57.9                           | 78.6            | 78.8        | 89.2           | 84.4        | 84.1         | 94.9         |
| November .....    | 70.3                        | 73.4        | 76.6        | 55.6                           | 77.0            | 76.4        | 89.4           | 82.7        | 82.4         | 97.1         |
| December .....    | 67.9                        | 71.6        | 74.6        | 51.9                           | 71.0            | 71.1        | 88.5           | 82.6        | 81.9         | 95.0         |
| <b>1998</b> ..... | <b>73.8</b>                 | <b>76.7</b> | <b>80.1</b> | <b>59.1</b>                    | <b>77.6</b>     | <b>78.4</b> | <b>91.4</b>    | <b>85.2</b> | <b>86.1</b>  | <b>97.8</b>  |
| <b>1999</b>       |                             |             |             |                                |                 |             |                |             |              |              |
| January .....     | 68.0                        | 72.9        | 75.0        | 53.8                           | 68.7            | 68.5        | 87.1           | 80.5        | 82.1         | 93.1         |
| February .....    | 67.0                        | 71.9        | 73.9        | 51.0                           | 69.0            | 67.8        | 87.5           | 81.8        | 80.5         | 93.6         |
| March .....       | 69.5                        | 76.4        | 76.4        | 52.2                           | 71.5            | 70.9        | 93.8           | 84.8        | 88.4         | 101.6        |
| April .....       | 73.5                        | 76.0        | 77.8        | NA                             | NA              | 74.1        | 104.5          | NA          | 98.1         | 111.6        |
| May .....         | 72.5                        | 76.1        | 77.3        | NA                             | 74.9            | 75.4        | 101.2          | 96.0        | 95.8         | 107.6        |
| June .....        | 72.4                        | 77.3        | 76.4        | NA                             | 76.1            | 75.7        | 103.0          | 96.8        | 105.2        | 110.3        |
| July .....        | 74.0                        | 78.8        | 79.8        | NA                             | 78.8            | 78.2        | 103.0          | 99.2        | 103.6        | 110.3        |
| August .....      | 81.5                        | 80.3        | 86.7        | NA                             | 82.4            | 81.6        | NA             | NA          | 102.9        | 107.9        |
| September .....   | 85.3                        | 86.9        | 91.6        | NA                             | 86.3            | 89.7        | 105.9          | 103.9       | 100.6        | 111.3        |
| October .....     | 89.7                        | 89.9        | 95.3        | NA                             | 85.4            | 87.5        | 109.4          | 108.6       | 102.2        | 114.0        |
| November .....    | 93.9                        | 96.2        | 99.0        | NA                             | 85.9            | 89.7        | 112.1          | 111.7       | 104.8        | 116.8        |
| December .....    | 99.1                        | 97.5        | 101.1       | NA                             | 90.2            | 92.7        | 114.7          | 117.1       | 106.0        | 118.5        |
| <b>1999</b> ..... | <b>77.4</b>                 | <b>82.0</b> | <b>84.7</b> | <b>64.8</b>                    | <b>80.6</b>     | <b>76.2</b> | <b>100.5</b>   | <b>96.6</b> | <b>93.8</b>  | <b>106.5</b> |

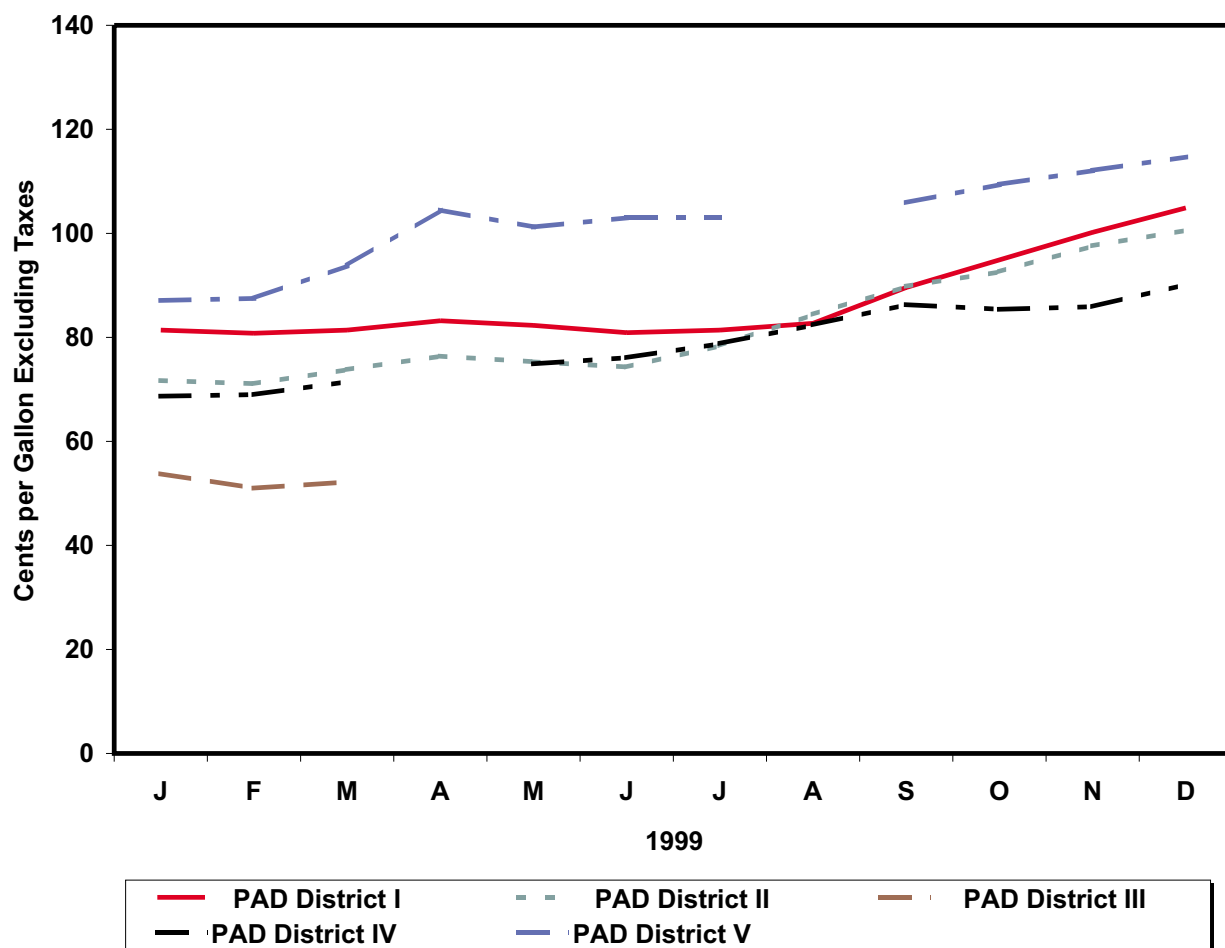
Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Sources: Energy Information Administration Forms EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-9A, "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1983.

**Figure 6. U.S. No. 2 Distillate Prices to Residences by PAD District**



Source: Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

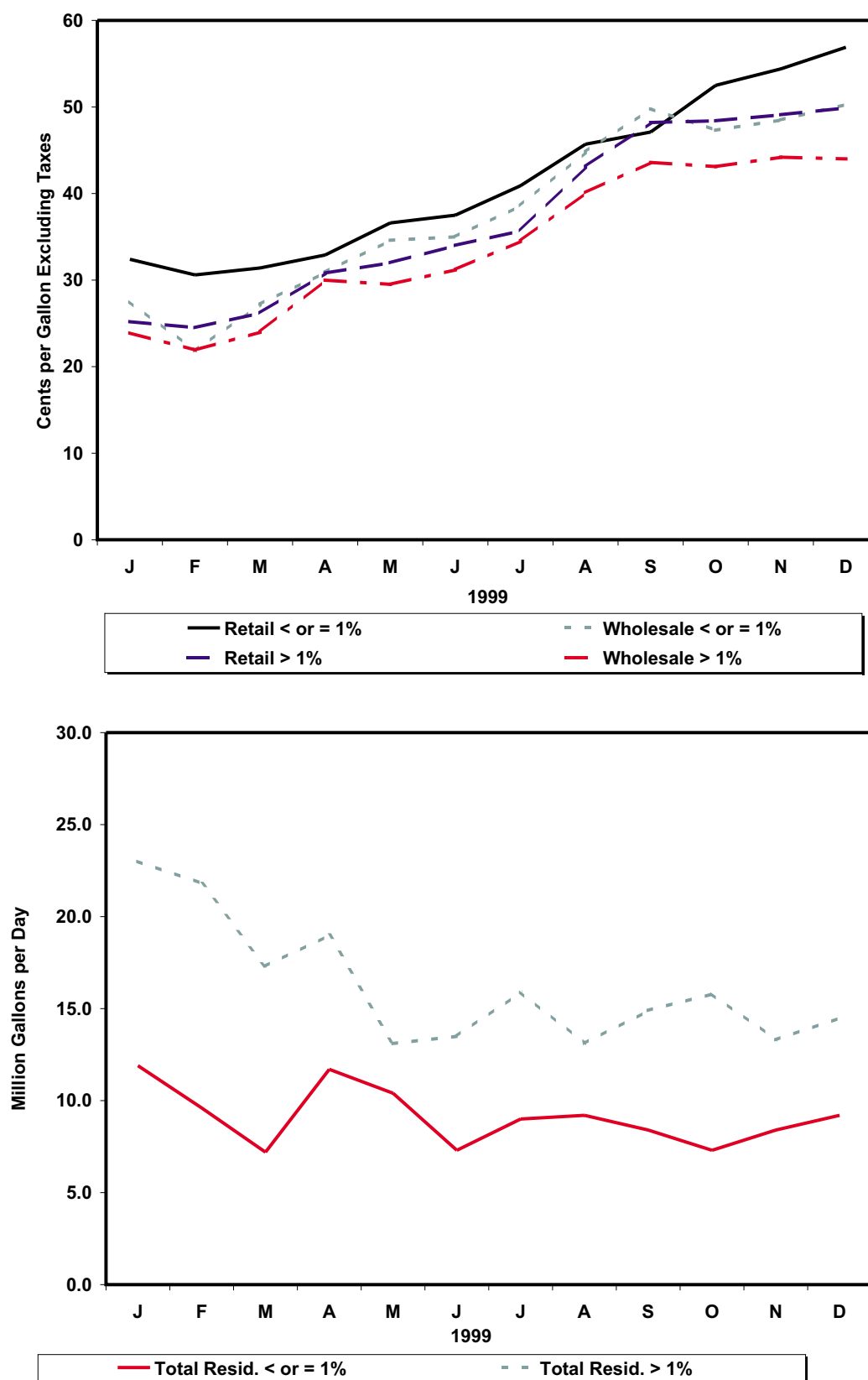
**Table 19. U.S. Refiner Residual Fuel Oil Prices**

(Cents per Gallon Excluding Taxes)

| Year<br>Month   | Sulfur Less Than<br>or Equal to 1 Percent |                     | Sulfur Greater Than<br>1 Percent |                     | Average               |                     |
|-----------------|---|---------------------|----------------------------------|---------------------|-----------------------|---------------------|
|                 | Sales to<br>End Users                     | Sales for<br>Resale | Sales to<br>End Users            | Sales for<br>Resale | Sales to<br>End Users | Sales for<br>Resale |
| 1978 .....      | 31.4                                      | 29.3                | 27.5                             | 24.5                | 29.8                  | 26.3                |
| 1979 .....      | 46.8                                      | 45.0                | 38.9                             | 36.6                | 43.6                  | 39.9                |
| 1980 .....      | 67.5                                      | 60.8                | 52.3                             | 47.9                | 60.7                  | 52.8                |
| 1981 .....      | 82.9                                      | 74.8                | 67.3                             | 62.2                | 75.6                  | 66.3                |
| 1982 .....      | 74.7                                      | 69.5                | 61.1                             | 57.2                | 67.6                  | 61.2                |
| 1983 .....      | 69.5                                      | 64.3                | 61.1                             | 59.1                | 65.1                  | 60.9                |
| 1984 .....      | 72.0                                      | 68.5                | 65.9                             | 63.9                | 68.7                  | 65.4                |
| 1985 .....      | 64.4                                      | 61.0                | 58.2                             | 56.0                | 61.0                  | 57.7                |
| 1986 .....      | 37.2                                      | 32.8                | 31.7                             | 28.9                | 34.3                  | 30.5                |
| 1987 .....      | 44.7                                      | 41.2                | 39.6                             | 36.2                | 42.3                  | 38.5                |
| 1988 .....      | 37.2                                      | 33.3                | 30.0                             | 27.1                | 33.4                  | 30.0                |
| 1989 .....      | 43.6                                      | 40.7                | 34.4                             | 33.1                | 38.5                  | 36.0                |
| 1990 .....      | 50.5                                      | 47.2                | 40.0                             | 37.2                | 44.4                  | 41.3                |
| 1991 .....      | 40.2                                      | 36.4                | 30.6                             | 29.2                | 34.0                  | 31.4                |
| 1992 .....      | 38.9                                      | 35.1                | 31.2                             | 28.6                | 33.6                  | 30.8                |
| 1993 .....      | 39.7                                      | 33.7                | 30.3                             | 25.6                | 33.7                  | 29.3                |
| 1994 .....      | 40.1                                      | 34.5                | 33.0                             | 28.7                | 35.2                  | 31.7                |
| 1995 .....      | 43.6                                      | 38.3                | 37.7                             | 33.8                | 39.2                  | 36.3                |
| 1996 .....      | 52.6                                      | 45.6                | 43.3                             | 38.9                | 45.5                  | 42.0                |
| 1997 .....      |   |                     |                                  |                     |                       |                     |
| January .....   | 58.7                                      | 46.2                | 46.3                             | 39.3                | 49.5                  | 42.9                |
| February .....  | 54.6                                      | 43.7                | 41.8                             | 35.4                | 45.2                  | 39.3                |
| March .....     | 49.3                                      | 39.8                | 37.6                             | 33.9                | 40.3                  | 35.8                |
| April .....     | 46.4                                      | 37.6                | 37.5                             | 35.2                | 39.7                  | 36.1                |
| May .....       | 45.2                                      | 36.7                | 38.6                             | 35.4                | 40.3                  | 35.8                |
| June .....      | 44.4                                      | 39.5                | 38.7                             | 34.7                | 40.1                  | 36.7                |
| July .....      | 44.2                                      | 38.5                | 38.2                             | 35.3                | 39.6                  | 36.5                |
| August .....    | 44.6                                      | 39.4                | 39.5                             | 37.5                | 40.7                  | 38.3                |
| September ..... | 46.4                                      | 40.1                | 40.1                             | 37.5                | 41.3                  | 38.7                |
| October .....   | 48.2                                      | 44.6                | 42.9                             | 39.7                | 43.9                  | 42.0                |
| November .....  | 51.2                                      | 46.5                | 43.8                             | 41.6                | 45.7                  | 43.5                |
| December .....  | 48.5                                      | 38.7                | 37.8                             | 32.8                | 40.2                  | 35.6                |
| 1997 .....      | 48.8                                      | 41.5                | 40.3                             | 36.6                | 42.3                  | 38.7                |
| 1998 .....      |   |                     |                                  |                     |                       |                     |
| January .....   | 44.7                                      | 35.2                | 32.6                             | 28.9                | 35.4                  | 31.1                |
| February .....  | 39.6                                      | 30.7                | 30.6                             | 26.7                | 32.7                  | 28.3                |
| March .....     | 35.6                                      | 29.4                | 26.0                             | 24.1                | 28.6                  | 26.4                |
| April .....     | 35.9                                      | 32.9                | 30.5                             | 28.7                | 31.8                  | 30.3                |
| May .....       | 37.6                                      | 31.9                | 30.1                             | 28.3                | 31.9                  | 29.5                |
| June .....      | 36.1                                      | 29.3                | 29.6                             | 27.0                | 31.3                  | 27.9                |
| July .....      | 35.1                                      | 30.7                | 30.0                             | 28.7                | 31.5                  | 29.6                |
| August .....    | 32.3                                      | 26.9                | 27.4                             | 26.1                | 28.7                  | 26.5                |
| September ..... | 32.4                                      | 29.9                | 26.0                             | 27.0                | 27.6                  | 27.9                |
| October .....   | 33.6                                      | 31.0                | 28.1                             | 27.0                | 29.7                  | 28.2                |
| November .....  | 33.6                                      | 27.3                | 28.9                             | 25.1                | 30.5                  | 26.0                |
| December .....  | 31.9                                      | 24.0                | 24.5                             | 23.0                | 26.8                  | 23.3                |
| 1998 .....      | 35.4                                      | 29.9                | 28.7                             | 26.9                | 30.5                  | 28.0                |
| 1999 .....      |   |                     |                                  |                     |                       |                     |
| January .....   | 32.4                                      | 27.5                | 25.2                             | 23.9                | 26.9                  | 25.6                |
| February .....  | 30.6                                      | 21.8                | 24.5                             | 21.9                | 26.1                  | 21.9                |
| March .....     | 31.4                                      | 27.2                | 26.2                             | 24.0                | 27.6                  | 25.1                |
| April .....     | 32.9                                      | 30.9                | 30.8                             | 30.0                | 31.4                  | 30.4                |
| May .....       | 36.6                                      | 34.6                | 32.0                             | 29.5                | 33.6                  | 32.5                |
| June .....      | 37.5                                      | 35.0                | 34.0                             | 31.2                | 35.1                  | 32.6                |
| July .....      | 40.9                                      | 38.6                | 35.7                             | 34.5                | 37.4                  | 36.1                |
| August .....    | 45.7                                      | 44.8                | 43.1                             | 40.1                | 43.9                  | 42.7                |
| September ..... | 47.1                                      | 49.8                | 48.2                             | 43.6                | 48.0                  | 46.7                |
| October .....   | 52.5                                      | 47.3                | 48.4                             | 43.1                | 49.4                  | 44.8                |
| November .....  | 54.4                                      | 48.5                | 49.1                             | 44.2                | 50.4                  | 46.8                |
| December .....  | 56.9                                      | 50.3                | 49.9                             | 44.0                | 51.9                  | 47.2                |
| 1999 .....      | 40.5                                      | 38.2                | 36.2                             | 32.9                | 37.4                  | 35.4                |

Sources: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward; Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 7. U.S. Refiner Residual Fuel Oil Prices and Volumes**



Source: Energy Information Administration, Form EIA-782A, "Refiners' /Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 20. U.S. Refiner Residual Fuel Oil Volumes**

(Million Gallons per Day)

| Year<br>Month     | Sulfur Less Than<br>or Equal to 1 Percent |                     | Sulfur Greater Than<br>1 Percent |                     | Total                 |                     |
|-------------------|---|---------------------|----------------------------------|---------------------|-----------------------|---------------------|
|                   | Sales to<br>End Users                     | Sales for<br>Resale | Sales to<br>End Users            | Sales for<br>Resale | Sales to<br>End Users | Sales for<br>Resale |
| <b>1983</b> ..... | 13.4                                      | 7.2                 | 14.9                             | 12.9                | 28.3                  | 20.2                |
| <b>1984</b> ..... | 15.1                                      | 6.7                 | 17.8                             | 14.6                | 32.9                  | 21.3                |
| <b>1985</b> ..... | 11.4                                      | 7.0                 | 13.8                             | 12.9                | 25.2                  | 19.9                |
| <b>1986</b> ..... | 15.2                                      | 7.9                 | 16.4                             | 10.7                | 31.6                  | 18.6                |
| <b>1987</b> ..... | 15.1                                      | 7.8                 | 13.9                             | 9.1                 | 29.0                  | 16.9                |
| <b>1988</b> ..... | 14.2                                      | 8.7                 | 15.9                             | 10.3                | 30.2                  | 18.9                |
| <b>1989</b> ..... | 13.4                                      | 7.9                 | 17.0                             | 13.1                | 30.4                  | 21.0                |
| <b>1990</b> ..... | 11.1                                      | 7.4                 | 14.9                             | 10.5                | 25.9                  | 17.9                |
| <b>1991</b> ..... | 8.6                                       | 5.6                 | 15.5                             | 12.2                | 24.0                  | 17.8                |
| <b>1992</b> ..... | 7.1                                       | 5.2                 | 15.3                             | 10.0                | 22.4                  | 15.2                |
| <b>1993</b> ..... | 6.2                                       | 5.7                 | 11.1                             | 6.9                 | 17.2                  | 12.6                |
| <b>1994</b> ..... | 4.2                                       | 6.6                 | 9.3                              | 6.2                 | 13.5                  | 12.8                |
| <b>1995</b> ..... | 2.9                                       | 7.7                 | 8.7                              | 5.9                 | 11.6                  | 13.6                |
| <b>1996</b> ..... | 3.1                                       | 6.3                 | 9.8                              | 7.4                 | 12.9                  | 13.8                |
| <b>1997</b> ..... |   |                     |                                  |                     |                       |                     |
| January .....     | 3.6                                       | 7.3                 | 10.2                             | 6.8                 | 13.8                  | 14.1                |
| February .....    | 3.8                                       | 6.5                 | 10.4                             | 7.3                 | 14.1                  | 13.9                |
| March .....       | 3.2                                       | 3.0                 | 10.4                             | 6.4                 | 13.6                  | 9.4                 |
| April .....       | 2.8                                       | 3.7                 | 8.7                              | 6.8                 | 11.5                  | 10.5                |
| May .....         | 2.7                                       | 2.7                 | 8.0                              | 5.5                 | 10.7                  | 8.2                 |
| June .....        | 3.0                                       | 4.3                 | 9.3                              | 6.0                 | 12.3                  | 10.4                |
| July .....        | 3.2                                       | 4.1                 | 10.2                             | 6.8                 | 13.5                  | 10.9                |
| August .....      | 2.9                                       | 5.1                 | 9.2                              | 7.0                 | 12.1                  | 12.1                |
| September .....   | 2.6                                       | 5.0                 | 10.1                             | 6.6                 | 12.6                  | 11.6                |
| October .....     | 2.9                                       | 5.7                 | 12.2                             | 6.7                 | 15.1                  | 12.4                |
| November .....    | 3.6                                       | 4.6                 | 10.8                             | 7.2                 | 14.4                  | 11.8                |
| December .....    | 3.9                                       | 6.0                 | 13.6                             | 6.8                 | 17.5                  | 12.9                |
| <b>1997</b> ..... | <b>3.2</b>                                | <b>4.8</b>          | <b>10.3</b>                      | <b>6.7</b>          | <b>13.4</b>           | <b>11.5</b>         |
| <b>1998</b> ..... |   |                     |                                  |                     |                       |                     |
| January .....     | 3.6                                       | 4.8                 | 11.9                             | 9.1                 | 15.5                  | 13.9                |
| February .....    | 3.1                                       | 4.1                 | 10.4                             | 6.0                 | 13.5                  | 10.0                |
| March .....       | 4.2                                       | 5.5                 | 11.2                             | 7.2                 | 15.5                  | 12.7                |
| April .....       | 3.5                                       | 6.5                 | 10.8                             | 11.1                | 14.3                  | 17.6                |
| May .....         | 3.0                                       | 4.7                 | 9.9                              | 10.0                | 13.0                  | 14.8                |
| June .....        | 3.7                                       | 6.8                 | 10.2                             | 11.3                | 13.8                  | 18.2                |
| July .....        | 4.9                                       | 8.6                 | 11.6                             | 10.8                | 16.5                  | 19.3                |
| August .....      | 4.8                                       | 7.2                 | 13.0                             | 9.2                 | 17.8                  | 16.5                |
| September .....   | 3.2                                       | 5.3                 | 9.8                              | 12.2                | 13.0                  | 17.4                |
| October .....     | 4.0                                       | 5.4                 | 10.0                             | 11.8                | 14.1                  | 17.2                |
| November .....    | 4.1                                       | 5.0                 | 7.7                              | 8.0                 | 11.8                  | 12.9                |
| December .....    | 4.4                                       | 4.9                 | 9.7                              | 8.9                 | 14.1                  | 13.7                |
| <b>1998</b> ..... | <b>3.9</b>                                | <b>5.7</b>          | <b>10.5</b>                      | <b>9.6</b>          | <b>14.4</b>           | <b>15.4</b>         |
| <b>1999</b> ..... |   |                     |                                  |                     |                       |                     |
| January .....     | 4.4                                       | 7.5                 | 14.4                             | 8.6                 | 18.7                  | 16.2                |
| February .....    | 4.4                                       | 5.2                 | 12.0                             | 9.8                 | 16.3                  | 15.0                |
| March .....       | 4.1                                       | 3.1                 | 11.4                             | 5.9                 | 15.6                  | 9.0                 |
| April .....       | 4.4                                       | 7.3                 | 10.2                             | 8.8                 | 14.6                  | 16.1                |
| May .....         | 4.7                                       | 5.7                 | 9.2                              | 3.9                 | 13.9                  | 9.6                 |
| June .....        | 4.1                                       | 3.2                 | 8.3                              | 5.2                 | 12.4                  | 8.4                 |
| July .....        | 4.6                                       | 4.4                 | 9.2                              | 6.7                 | 13.7                  | 11.1                |
| August .....      | 4.0                                       | 5.2                 | 9.0                              | 4.1                 | 13.0                  | 9.3                 |
| September .....   | 2.6                                       | 5.8                 | 9.2                              | 5.7                 | 11.9                  | 11.5                |
| October .....     | 3.0                                       | 4.3                 | 9.0                              | 6.8                 | 12.0                  | 11.0                |
| November .....    | 2.8                                       | 6.6                 | 9.0                              | 4.3                 | 11.8                  | 10.9                |
| December .....    | 3.7                                       | 5.5                 | 9.2                              | 5.3                 | 12.9                  | 10.8                |
| <b>1999</b> ..... | <b>3.9</b>                                | <b>5.3</b>          | <b>10.0</b>                      | <b>6.2</b>          | <b>13.9</b>           | <b>11.5</b>         |

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."